



(Y)OUR PRODUCTS

- ▶ Polypropylene (PP)

- Polyethylene (PE)
 Polyolefin Elastomer (POE)
 Ultra-High Molecular Weight PE (UHMW-PE)
- Cyclo-Pentane (CP)
- Amorphous Poly Alpha Olefin (APAO)





INTRODUCTION

Our partner **DL Group (DAELIM)** is offering products from several companies within their group of subsidiaries.

UlsanPP Co. Ltd. which is covering the area of Polypropylene and a yearly production capacity of around 400.000 tons per year based on 1 line with the well known LyondellBasell Spheripol process, based in Ulsan, Korea. The commercial operation started already in April 2021. This production is a joint venture of DL Chemicals and LyondellBasell. The feedstock is based on LPG (PDH).

PolyMirae Co., Ltd. is also covering the Polypropylene market with a yearly production capacity of around 700.000 tons based on 4 lines and is also using the LyondellBasell Spheripol process. This plant is located in Yeosu, Korea and became fully operational in September 2000. The feedstock is based on Naphtha.

DL Chemical has achieved a leading position in the industry by developing metallocene polyethylene manufacturing techniques for the first time in Korea. This plant has four plants with two types of process Chevron Phillips Process and LyondellBasell Sherlene Process with 700.000 tons capacity of PE.

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HARKE Chemicals GmbH stands for certified quality and constant engagement for a sustainable protection of the environment.



POLYPROPYLENE (PP)



Products	Grade	MFR¹ [dg/min]	F/M² [kg/cm²]	TS³ [kg/cm²]	lzod⁴ [kg cm/cm]	HDT⁵ [°C]	Application
Homo	UH622J	3	16,000	370	5	105	BOPP Film (Metallization)
	UH625J	3	15,000	360	4	105	BOPP Film (Skin layer)
	UH450J	3.3	15,500	370	4	104	High tenacity yarn (Raffia)
	UH5039	4	15,500	340	3	102	Raffia, Rope, Band
	UH513M	8	16,000	360	3	110	CPP Film
	UH602N	12	16,000	350	3	107	Injection
	UH600R	25	17,000	370	2.5	115	Houseware, Compound
	UH643T	60	18,000	370	2	125	Food tray/Plastic file
	UH650P	15	16,000	350	3	107	Houseware articles/Toy/Closures
	UH5038	34	14,000	350	3	102	Spunbond
	UH563S	38	15,000	380	3	100	Spunbond
	UH552R	25.5	15,000	380	3	106	Staple fiber, BCF (Multi filament)
Соро	UE332K	5	11,500	250	15	88	Toys, Crate, Houseware
	UE300L	5	10,500	260	NB ⁶	90	Pail, Crate, Houseware
	UE400M	9	11,000	270	15	100	Houseware, Compound
	UE300R	30	10,500	240	13	95	E&E, Appliance, Compound
	UE542R	30	13,700	280	8	120	E&E, Washing machine tub, TWIM
	UE548S	44	15,000	280	5	125	TWIM, Houseware
	UE598T	60	15,500	250	6	125	Compound, TWIM
Random	UR344NU	13	12,000	300	5	90	Houseware, Food container
	UR345RU	24	12,500	300	5	90	Houseware, Food container
	UR348TU	48	11,500	300	5	90	Injection, Food container





Products	Grade	MFR ¹	F/M ²	TS³	Izod ⁴	HDT⁵	Application
		[dg/min]	[kg/cm ²]	[kg/cm ²]	[kg cm/cm]	[°C]	
Homo	YH522H	2	15,500	370	5	110	BOPP Film
	YH627J	2	14,300	340	2.5	100	BOPP Film
	YH622J	3	16,000	370	4	105	BOPP Film
	YH625J	3	15,000	360	4	105	BOPP Film
	YH623J	3	15,500	360	4	105	BOPP Film
	YH624J	3	15,500	360	4	105	BOPP Film
	YH626J	3	16,000	360	4	105	BOPP Film
	YH629J	3	15,500	360	4	105	BOPP Film
	YH647D	0.5	21,000	380	6	120	Thermo/Sheet
	YHA686J	3	17,800	370	5	125	Thermo/Sheet
	YH450J	3.3	15,500	370	4	104	Raffia
	YH455J	3.8	15,000	350	3	104	Raffia
	YH5039	4	15,500	340	3	102	Raffia
	YH5026	8	16,000	360	3	110	CPP Film
	YH512M	8	15,000	350	3	110	CPP Film
	YH5032	8	16,000	350	2	110	CPP Film
	YH528NS	11	16,000	350	3	115	IPP Film
	YH5030UV	10	15,000	340	2.5	105	Filament
	YH5020	11	15,000	380	4	105	Filament
	YH553P	14	15,000	380	4	105	Filament
	YH653P	17	16,000	380	3	106	Filament
	YH653PUV	17	16,000	380	3	106	Filament
	YH552R	25.5	15,000	380	3	106	Filament
	YH5038	34	14,000	350	3	102	Spunbond
	YH563S	38	15,000	380	3	100	Spunbond
	YHA748L	5	20,000	390	3	120	Appliances
	YH748L	6	22,500	400	3	130	Appliances
	YH602N	12	16,000	350	3	107	Injection
	YH650P	15	16,000	350	3	107	Injection
	YH600R	25	17,000	370	2.5	115	Injection
	YH480S	40	15,000	350	2	110	TWIM
	YH740T	60	18,000	370	2	125	TWIM
	YH5044	12	16,000	350	3	107	Compounds
	YHA5034	14	22,000	400	2	135	Compounds/E&E
	YH5035	100	14,000	330	2	110	Compounds
	YH5021	325	13,500	320	2	110	Compounds
	YH5036	230		not app	olicable		Melt-blown



POLYPROPYLENE (PP)



Products	Grade	MFR¹ [dg/min]	F/M² [kg/cm²]	TS³ [kg/cm²]	lzod ⁴ [kg cm/cm]	HDT⁵ [°C]	Application
Соро	YE332C	0.35	11,000	330	NB ⁶	95	Thermo/Sheet
•	YE5079	0.5	15,000	320	NB ⁶	120	Thermo/Sheet
	YE5078	0.5	14,000	300	NB ⁶	107	Thermo/Sheet
	YE640E	0.8	15,500	320	NB ⁶	123	Thermo/Sheet
	YE641E	1	16,000	310	NB ⁶	126	Thermo/Sheet
	YE300H	2	11,000	280	NB ⁶	110	Crates/Pails
	YE236K	3.5	11,000	240	NB ⁶	93	Crates/Pails
	YE548P	16	15,000	260	16	120	Houseware
	YEA640G	1.3	16,000	290	40	114	HCPP/Thermo/Sheet
	YE542R	30	13,700	280	8	120	Appliances
	YE300R	30	10,500	240	13	95	Compounds/Appliance
	YE300K	4	12,500	260	10	100	Compounds/E&E
	YE300L	5	10,500	260	NB ⁶	90	Compounds /Pail, Crate, Toys
	YE400M	9	11,000	270	15	100	Compounds/Houseware
	YEA5073	10	15,000	300	8	125	Compounds/E&E
	YE500N	12	11,500	270	10	110	Compounds/Houseware
	YE641P	20	15,000	280	11	110	Compounds
	YEA5074	30	16,000	320	6	133	Compounds/Houseware
	YE640R	32	16,000	280	9	125	Compounds/Appliance
	YE642S	37	16,000	280	8	125	Compounds
	YE548S	44	15,000	280	5	125	Compounds/E&E
	YE640T	51	17,000	280	7	125	Compounds/E&E
	YE542T	52	13,000	270	8	125	Compounds/E&E
	YEA5075	60	16,000	300	5	120	Compounds/E&E
	YE590T	60	15,500	250	6	125	Compounds/TWIM
	YE547U	70	13,000	245	8	120	Compounds/TWIM
	YEA5076	110	17,000	320	3	126	Compounds/E&E
	YE200R	21	7,500	180	NB ⁶	85	RTPO
	YE243R	24	9,000	200	NB ⁶	95	RTPO
Random	YR303G	1.7	13,000	330	6	100	Thermo/Sheet
	YR440K	4.5	14,500	360	5	100	Thermo/Sheet
	YR5062H	6	9,500	270	4	90	EPP
	YR5053	11	10,500	280	5	90	Compounds
	YR5063	21	10,500	290	3	90	Compounds
	YR348TK	48	11,500	300	5	90	Houseware



POLYETHYLENE (PE)



Item	Contents
License	Chevron Phillips Process
Capacity	280,000 KTA
Catalyst	PF Catalyst – Chromium Oxide on Silica Alumina DL Metallocene Catalyst
Products	HDPE Blow/Film/Inj/Pipe/Roto mPE PE-RT I, II/Film (Blown)
Packaging	Loose bag (25 kg) Big Bag (500, 650, 760 kg) Sea bulk

Application	Grade	MI* (g/10 min)	Density (g/cm³)
	4570UV	6.0 (F)*	0.946
Large Blow	TR570	3.2 (F)	0.952
	TR580	2.2 (F)	0.954
Small Blow	5502 series	0.18 - 0.35 (E)	0.955 - 0.960
	50100	9.0 (F)	0.948
Film	TR144	0.19 (E)	0.945
	XP8300	0.15 (P)	0.953
HD Yarn	TR147	0.78 (E)	0.952
Injection	XP6070	9.5 (E)	0.961
PE-RT (under floor heating pipe)	XP9000 (Type I)	0.6 (E)	0.935
	XP9020 (Type II)	0.14 (E)	0.941
Film	XP9100 series	0.8 (E)	0.925 - 0.927
Metallocene Roto Molding	XP8200	5.0 (E)	0.937





POLYETHYLENE (PE)



Item	Contents
License	LyondellBasell Spherilene DL Chemical Gas Phase
Capacity	1. 180 KTA 2. 250 KTA
Catalyst	DL Metallocene Catalyst
Products	mPE Film (Blown/Cast) POP/POE (Film, Impact modifier, Encapsulation)
Packaging	Loose bag (25 kg) Big Bag (500, 650, 760 kg) Sea bulk

Series	Grade	Processing	Application	MI (g/10 min)	Density (g/cm³)
	XP9200 Series	Blown Film	Packaging	1 - 1.5	0.917 - 0.918
XP	XP9400	Cast Film	Wrap, Silage	3.7	0.915
mLLDPE	XP9500	Cast Film	Hygiene	3.7	0.919
	XP9600	HD Film	Hygiene	3.7	0.941
	VL0001	Blown Film	Low Temp. Sealing	1.0	0.900
VL POP	VL1202EN	Blown Film	Low Temp. Sealing	2.0	0.912
1 01	VL0005	Cast Film	Protective, Sheet	5.0	0.900
	BO1801 Series	Blown Film		1.0	0.917 - 0.918
Advanced mLLDPE	BO1601 Series	Blown Film	Packaging, Liner, Agricul- tural, HDS, etc.	0.8	0.915 - 0.916
	BO1401 Series	Blown Film	tarai, ribb, etc.	0.8	0.913 - 0.914
Others	LH3750M	Roto	Water Tank, Toys, Buoys	5.0	0.937







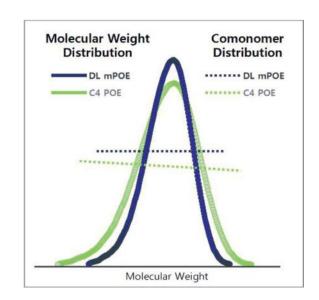
POLYOLEFIN ELASTOMER (POE)



For the first time in Korea, DL Chemical developed its Metallocene catalyst technology independently and commercialized Metallocene polyethylene products.

The VL series – Metallocene POE (PolyOlefin Elastomer) is a high performance polyolefin elastomer suitable for a wide range of applications, such as films, plastic modification, foaming, etc. The VL series is having a uniform comonomer distribution and narrow molecular weight distribution, making them different from general polyethylene products in terms of their mechanical and optical properties.

DL Chemical recently developed POE grades used for a Photovoltaic Encapsulant film. This product is supplied to large global Encapsulant end users, ensuring excellent quality.



Item	Contents
Characteristics	Excellent balance of toughness and stiffness Low TVOC and odor
	PP Compound for Automotive
Application	Wire & Cable Compound
	Foam for shoe sole
Processing condition	Processing Temperature ~250 °C
Specification	Complies with FDA 21 CFR 177.1520

Basic Properties	Unit	Test Method	VL8801	VL8803	VL8805
Density	g/cm³	ASTM D1505	0.885	0.885	0.885
Melt Index (190 °C, 2.16 kg)	g/10 min	ASTM D1238	1.0	3.0	5.0
Molecular Weight	g/mol	DL Method	85,000	83,000	82,000
Melting Temperature	°C	ASTM D3418	64	64	64
Glass Transition Temperature	°C	DL Method	43	45	46
Vicat Softening Temperature	°C	ASTM D1525	54	52	52
Additives ¹	not applicable		AO	AO	AO

Sheet Properties ²	Unit	Test Method	VL8801	VL8803	VL8805
Tensile Strength at Break	kg/cm²	ASTM D638	320	290	270
Elongation at Break	%	ASTM D638	>700	>700	>700
Flexural Modulus	kg/cm²	ASTM D790	350	330	320
Izod Impact Strength (~30 °C)	kg-cm/cm	ASTM D256	Non Break	Non Break	Non Break
Hardness (Shore A)	not applicable	ASTM D2240	76	76	76



POLYOLEFIN ELASTOMER (POE)

PHOTOVOLTAIC ENCAPSULANT





DESCRIPTION

	Excellent Crosslinking Rate
Chavastavistiss	Excellent Volume Resistivity and WVTR
Characteristics	Good Weatherability and Glass Adhesion
	Good Transmittance
Application	Photovoltaic Module Encapsulant
Specification	FDA 21 CFR 177.1520



PROPERTIES

Basic Properties	Unit	Test Method	PK0588	PK1088
Density	g/cm³	ASTM D1505	0.885	0.885
Melt Index (190 °C, 2.16 kg)	g/10min	ASTM D1238	5.0	10.0
Vicat Softening Temperature	°C	ASTM D1525	52	49
Molecular Weight (MW)	g/mol	DL Method	68	82
Melting Temperature	°C	ASTM D3418	63	63
Glass Transition Temperature	°C	DL Method	- 44	- 44
Additives ¹	-	-	AO	AO

Sheet Properties ²	Unit	Test Method	PK0588	PK1088
Tensile Strength at Break	MPa	ASTM D638	15	8
Elongation at Break	%	ASTM D638	>800	>800
Flexural Modulus	MPa	ASTM D790	29	31
Hardness (Shore A)	-	ASTM D2240	80	80

²⁾ Compression Molding Sheet Data. These are typical properties only and are not to be construed as specifications.





PK0588 - WELL-BALANCED MATERIAL

Excellent Crosslinking Rate

PK1088 shows a better crosslinking rate than counterparts of competitors.

• Improvement of PV module productivity compared to other POE

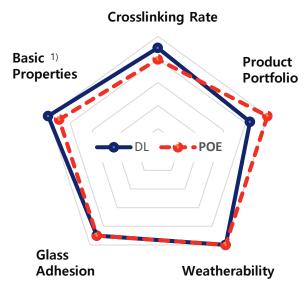
Excellent Volume Resistivity

PK10588 has an excellent volume resistivity.

• Increase in PV efficiency by low PID (Potential-Induced Degradation)

Good Weatherability/Glass Adhesion/WVTR

PK10588 has good weatherability, glass adhesion and WVTR characteristics for PV encapsulant.



1) Basic Properties: Transmittance, Volume Resistivity, WVTR

Properties			Reference (C4 POE)	PK0588
Crosslinking Rate (Gel	Content)	%	15	8
	Transmittance (380 ~ 1,100 nm)	%	>800	>800
Basic Properties	WVTR	g/m² 24h	29	31
	Volume Resistivity	Ω·cm	29	29
Glass Adhesion (Initial)		N/cm	29	29
Weatherability (85 °C/	85% Rh/40days)	ΔYI	80	80





PK1088 - BEST SOLUTION FOR EPE FILM

Excellent WVTR

 ${\tt PK10588} \ has \ excellent \ {\tt WVTR} \ characteristics \ for \ {\tt PV} \ encapsulant.$

• Reduce Thickness of POE layer over 20%

Excellent Crosslinking Rate

PK1088 shows a better crosslinking rate than counterparts of competitors.

• Improvement of PV module productivity compared to other POE

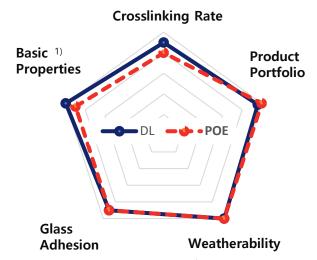
Excellent Volume Resistivity

PK10588 has an excellent volume resistivity.

• Increase in PV efficiency by low PID (Potential-Induced Degradation)

Good Weatherability/Glass Adhesion

PK10588 has good weatherability and glass adhesion for PV encapsulant.



1) Basic Properties: Transmittance, Volume Resistivity, WVTR

Properties			Reference (C4 POE)	PK1588
Crosslinking Rate (Gel	Content)	%	75	77
	Transmittance (380 ~ 1,100 nm)	%	91	91
Basic Properties	WVTR	g/m² 24h	<5	<4
	Volume Resistivity	Ω·cm	9*10 ¹⁶	2*10 ¹⁷
Glass Adhesion (Initial)		N/cm	>200	>200
Weatherability (85 °C/	85% Rh/40days)	ΔYI	<3	<3



ULTRA-HIGH MOLECULAR WEIGHT POLYETHYLENE (UHMW-PE)

Our **Ultra-High Molecular Weight PE** is available in the range of 2 ~ 9 million g/mol and is composed of ultra-long linear molecule chains which are enhancing intermolecular interactions. It is used due it's unique properties in various applications such as Industrial machinery, food processing, material handling, automotive industry and medical devices. Another application is the electrical industry, where it is used in insulating components and wiring due to its dielectric properties and resistance to electrical breakdown. In the Construction area UHMW-PE is used for construction equipment components like dump truck liners, crane outrigger pads, and formwork due to its durability and resistance to impact.

These properties are offering:

- Excellent wear resistance and durability
- Low friction coefficient (Good sliding)
- Good impact strength (Non break)
- Excellent chemical resistance
- Wide usable temperature range (-270 °C ~ 80 °C)
- Tiny water absorption (Almost "0")
- Excellent electrical insulation
- Shock and noise absorption

Compliance with international standards:

- EU RoHS (Restriction of hazardous substances) directive
- U.S. Food Contact Substances regulations

Technical Data	Test method	Unit	PE500(UH)	9030UH	9040UH	9050UH	9070UH	9090UH
Physical								
Intrinsic Viscosity	ISO 1628-3	dL/g	9.4	14.9	18.1	21.0	26.3	31.1
Average Molecular Weight	Margolies' Eqn.	10⁴ g/ mol	150	300	400	500	700	900
Average Molecular Weight (x106)	ISO 1628-3	g/mol	1.5	3.0	4.0	5.0	7.0	9.0
Density	ISO 1183	g/m3	0.945	0.940	0.930	0.930	0.930	0.930
Bulk density	ISO 60	g/m3	0.43	0.43	0.43	0.43	0.42	0.40
Average particle size (D50)	ISO 13320-1	μm	110	130	130	130	130	130
Tensile strength at yield	ISO 527	Мра	-	≥17	≥17	≥17	≥17	≥17
Elongation at break	ISO 527	%	-	400	400	400	350	350
Wear by the sand slurry	ISO 11527	-	-	120	105	100	90	85
Charpy impact strength	ISO 11542-2	kJ/m2	-	140	120	110	100	90
Thermal								
Melting Point (Peak)	ISO 11357	°C	134	133	133	133	132	132



CYCLO-PENTANE (CP)

Cyclo-Pentane is a hydrocarbon with 5 carbon atoms and is a colorless volatile liquid with strong flammability. This is a Polyurethane foaming agent used in insulation materials for refrigerators, refrigeration facilities, and construction materials. We provide a stable supply of Cyclo-Pentane produced by Yeochun NCC (YNCC), a joint venture of DAELIM Group and Asia's No. 1 Naphtha Cracker.

Technical Data			
Test Item	Unit	Test Method	Specification
Sp. Gr. (60/60 °F)	-	ASTM D 287	0.74 ~ 0.75
CYCLO-PENTANE	Wt-%	By GC	MIN 95.5
n-HEXANE	Wt-ppm	By GC	MAX 10
BENZEN	Wt-ppm	By GC	MAX 4
T-SULFUR	Wt-ppm	ASTM D 5453	MAX 2
WATER	Wt-ppm	ASTM D 1364	MAX 150





AMORPHOUS POLY ALPHA OLEFIN (APAO)

D-REX Polymer is a JV company between DL Chemical and REXtac, capable of satisfying a wide range of applications and adhesive needs in the market. D-REX Polymer's plant, with a capacity of 40,000 MTA, manufactures APAO products from Yeosu petrochemical Complex in South Korea, equipped with state-of-the art Rextac technology.

Benefits for Adhesives:

- Excellent adhesion and hot tack properties
- Bonding to various substrates
- Fiber & nonwovens (personal hygiene)
- PE&PP
- Polyurethane foam
- Paper & corrugated cardboard

Good Chemical & Physical Properties:

- Low odor and low VOCs APAO
- Both high and low heat resistance
- Good thermal properties & oxidation stability
- Compatibility with other substrates
- Excellent electrical insulating properties

Technical Da	ita			
Product Name	Viscosity @ 190'C (cps)	Ring & ball softening point (°C)	Needle penetration (0.1mm)	Glass tran- sition tem- perature (°C)
RT 2110	1,000	155	18	-14
RT 2310	1,000	142	28	-26
RT 2715	1,300	111	35	-23
RT 2115	1,500	154	12	-14
RT 2215	1,500	149	17	-24
RT 2315	1,500	143	28	-26
E-0171	1,500	128	20	-38
RT 52627	2,700	129	14	-20
RT 53727	2,700	124	11	-28
RT 2330	3,000	143	23	-27
RT 2730	3,000	110	30	-22
RT 2535	3,400	132	46	-35
RT 2935	3,500	128	25	-40
E-7040	3,500	105	23	-36
RT 2350	5,000	144	23	-20
E-1060	6,000	135	40	-20
RT 2975	7,500	127	23	-37
RT 2280	8,000	149	15	-20
RT 53780	8,000	106	19	-33
E-3080	8,000	136	17	-29
E-4080	8,000	118	5	-27
E-5080	8,000	84	14	-31
RT 2180	8,250	165	10	-14
RT 2585	8,500	132	43	-31
RT 2780	8,500	110	30	-21
RT 2385	9,000	143	23	-23
E-6080	9,000	157	18	-32
RT 29180	18,000	128	20	-38
E-5200	22,000	87	14	-29
E-501	25,000	161	22	-35
RT 537500	50,000	107	14	-33
E-7510	50,000	99	25	-33
E-8910	115,000	162	22	-33
E-601	120,000	161	16	-36
E-603	120,000	108	14	-27

Tensile strength (MPa)	Elonga- tion (%)	Mw (g/mol)	Mn (g/mol)	Mw/ Mn -	Open time (sec)	Application
1.1	25	17,400	3,100	5.6	<5	Bitumen, Sealant, Carpet
0.5	35	18,200	3,600	5.1	20	Battery assembly, Head lamp, Window sealant
0.3	115	19,400	3,800	5.1	210	General assembly
1.2	25	19,900	, 3,600	5.5	<5	Filter assembly, Headliner
0.8	35	23,300	4,500	5.2	<5	Filter assembly, Vibration/Sound Deadening
0.5	35	19,300	, 3,800	5.1	20	Battery assembly, Head lamp, Window sealant
3.0	40	45,000	9,000	5		Hygiene construction, Packaging
0.9	70	24,300	4,200	5.8	30	Hygiene, Bookbinding, Automotive interior
2.2	270	26,900	3,700	7.3	5 - 10	Hygiene, Bookbinding, Automotive interior
0.7	65	21,300	3,600	5.9	20	Polymer modification
0.4	230	25,900	4,700	5.5	290 - 300	Hygiene, Mattress, Foam bonding
0.3	65	24,100	4,500	5.4	20	General assembly
0.7	40	23,100	4,600	5.0	<5	Filter assembly, Automotive interior
0.5	100	35,000	8,000	4		Labeling, Sealing compositions, Spraying
0.7	60	24,900	4,700	5.3	20	General assembly
0.3	100	58,500	15,500	4		PSA, Labeling, Laminating, Automotive, Construction, Tapes
0.8	40	28,600	5,300	5.4	<5	Filter assembly, Automotive interior
1.1	95	30,200	5,200	5.8	5-10	Headliner
1.4	639	33,700	4,900	6.9	40	Hygiene, Bookbinding, Carpet, Shoes
1.5	500	49,000	11,300	4		Bonding for metal and/or polar substrates
6.8	80	48,000	11,600	4		Textile bonding, structural bonding
1.5	340	52,000	11,800	4		Hygiene, Foam bonding
1.9	120	31,000	5,100	6.1	<5	Filter assembly, Headliner, Vibration/Sound Deadening
0.4	100	29,300	5,600	5.2	10-20	Battery assembly, Window sealant
0.7	710	33,500	5,600	6.0	220	Hygiene, Mattress, Foam bonding
0.8	90	29,500	5,400	5.5	10-20	General assembly
1.5	480	46,000	12,300	4		Paper lamination, structural bonding
1.1	160	36,300	6,200	5.9	<5	Filter assembly, Automotive interior
2.4	80	63,000	13,900	5		Cable filling compounds
1.0	550	61,000	13,200	5		Headliner, Automotive interior, Woodworking, Carpet, Bitumen
3.5	910	52,600	7,100	7.4	30-40	Hygiene, Paper lamination, Woodworking, Shoes, Filter assembly
1.5	1,000	88,000	18,800	5		Hygiene, PSA
2.0	1,000	85,000	18,800	5		Bitumen, Woodworking
2.5	850	104,000	15,000	7		Headliner, Automotive interior, Woodworking, Carpet, Bitumen
5.8	1,200	118,000	23,800	5		Woodworking, Labels



OUR COMMITMENT TO SUSTAINABILITY

We take responsibility for our actions as part of our promise to care for both people and the environment. Our sustainability targets focus on crucial issues such as safety, protection, resource efficiency and legal compliance. We are proud on the passion of our employees for the topic of sustainability and provide full management support. As a consequence, a dedicated sustainability task force was put in place with the goal to define yearly targets incl. corresponding tool, to build a comprehensive report and to transfer it into the daily HARKE business processes, company culture and interfaces with our partners. Let's further grow sustainability together!

Compliance

Legal compliance is a foundation for our activities. In order to meet the requirements of relevant legislation, we have established a long-standing team of experts in various fields (e.g. REACh, GHS/CLP, Dangerous Good Transport, regulations related to Biocidal, Detergent, Cosmetic, Pharmaceutical and Food products). Through intensive training of our employees, we ensure careful, safe and responsible handling of our products to protect people and the environment. We support both our customers and suppliers in implementing these regulations to ensure safe and compliant handling of our products along the entire supply chain.

Quality

The continuous improvement of the quality of our products, services and processes is an essential part of our corporate policy. We aim to not only meet but also exceed the expectations of our partners. We have implemented and certified quality management systems in all relevant areas:



DIN EN ISO 9001Basic of our quality management



DE-ÖKO-039(EU/non-EU Agriculture)
Raw materials from organic farming



Responsible Care Responsible handling of chemicals beyond legal requirements



IFS-HPC2-CertificationHigh quality requirements in production mean safe products for the consumer



HARKE Chemicals GmbH

Responsibility

We take responsibility for our actions as part of our promise to care for both people and the environment. For more than 20 years we have been actively participating in the Responsible Care Initiative supported by VCH, FECC and ICTA in the areas of product responsibility, plant safety, occupational health and safety, environmental protection, transport safety and dialogue with the public. Furthermore we are committed to the FECC Ethical and Business Principals.



YOUR CONTACT	
YOUR NOTES	

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