

Chlorinated Paraffins

Vantage Leuna offers a variety of chlorinated paraffins. Medium chained chlorinated paraffins (MCCPs) are based on hydrocarbons with a chain length ranging C14 to C17, long chained chlorinated paraffins (LCCPs) C17 to C30, respectively. Varying the chlorine content and adding stabilizers, we are able to offer the product grade suitable for your specific use case.

Some processes demand MCCPs with low viscosity, meeting this requirement Vantage Leuna provides the NV-range. For use cases where even more stable chlorinated paraffins are needed, we offer MCCPs and LCCPs with high performance stabilizers, these products are marked with an S or K. Consequently, Vantage Leuna's chlorinated paraffin portfolio covers a variety of applications, including flame retardants or plasticizers, metal working fluids and leather additives.

FEATURES

- Increase flame retardancy of PVC, rubbers, inks & paints, adhesives and surface coatings
- Film forming ability in extreme pressure conditions
- High temperature stability
- Enhance plasticizing effects of primary plasticizers
- Provide high light-fastness of leather while giving a dry feel surface finish
- Strong binding to leather
- Improve corrosion and weather resisting properties

APPLICATIONS

- Fat liquors in leather processing
- Rubber additive in high density conveyor belts, tires & polyurethane foams
- Profiles for fire-proof doors
- Bellows for metro, buses and trains
- Industrial metal working fluids for cutting, stamping, machining and drilling
- Solvent in carbonless copy paper
- Flame retarding, water proofing and rot preventing textile finishes

MEDIUM CHAINED CHLORINATED PARAFFINS MCCPS

CAS-Number	85535-85-9							
Brand name	Appearance @ 25 °C	Chlorine content [%]	Dynamic viscosity @ 20 °C [mPa·s]	Dynamic viscosity @ 60 °C [mPa·s]	Density [kg/m³]	Bulk	IBC	Steel-drum
CP 40 liquid NV	Liquid	40-43	75-150	–	1.09-1.14 (A)	•	•	•
CP 45 liquid	Liquid	45-47	250-350	–	1.15-1.20 (A)	•	•	•

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Hordalub® 80 EM	Liquid	49-51	1000-1400	–	1.21-1.24 (A)	•	•	•
Hordalub® 80 EM-S	Liquid	50-52	900-1400	–	1.19-1.24 (A)	•	•	•
CP 52 liquid	Liquid	50-54	2250-3750	–	1.24-1.29 (A)	•	•	•
CP 52 liquid NV	Liquid	48-52	2250-3750	–	1.22-1.27 (A)	•	•	•
Hordalub 260 N	Liquid	approx. 53 %	–	130-190	1.23-1.28 (B)	–	–	250 kg
Hordaflex® SP	Liquid	54-56	–	260-320	1.28-1.32 (B)	•	•	•
Hordaflex® LC 70	Highly viscous	58-62	–	1500-2200	1.37-1.43 (B)	–	–	•
CP 135	Highly viscous	59-63	–	2700-5000	1.39-1.44 (B)	–	–	•
CP 137	Highly viscous	55-63	–	2200-4500	1.37-1.42 (B)	–	–	•

LONG CHAINED CHLORINATED PARAFFINS LCCPS

CAS-Number	63449-39-8							
Brand name	Appearance @ 25 °C	Chlorine content [%]	Dynamic viscosity @ 20 °C [mPa·s]	Dynamic viscosity @ 60 °C [mPa·s]	Density [kg/m³]	Bulk	IBC	Steel- drum
CP 30 liquid	Liquid	27-29	90-150	– –	1.00-1.04 (A)	•	•	•
CP 35 liquid	Liquid	35-37	150-450	–	1.04-1.11 (A)	•	•	•
CP 40 liquid	Liquid	39-42	700-1300	–	1.11-1.16 (A)	•	•	•
CP 50 liquid	Liquid	42-44	3700-6200	–	1.15-1.25 (A)	•	•	•
Hordaflex® LC 50	Liquid	41-47	–	360-480	1.15-1.22 (B)	•	•	•
CP 112	Liquid	44-49	–	360-480	1.17-1.22 (B)	•	•	•
Hordaflex® WS 30	Liquid	28	90-150	–	1.00-1.04 (A)	•	•	•
Hordaflex® WS 35	Liquid	32	150-450	–	1.04-1.11 (A)	•	•	•
Hordaflex® WS 40	Liquid	37	750-1300	–	1.11-1.16 (A)	•	•	•
Hordaflex® WS 112	Liquid	46	–	360-490	1.16-1.21 (B)	•	•	•
Hordaflex® WS 50	Liquid	45	3700-6200	–	1.15-1.25 (A)	•	•	•
Hordaflex® WS 137	Highly Viscous	51	–	2200-4500	1.24-1.42 (B)	–	–	–

(A) @ 20 °C , (B) @ 60 °C

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