

Technical Data Sheet - DEGALAN[®] PM 666

Binder for Heat Seal Lacquers

Organic dispersion of copolymers on methacrylic esters and olefins basis

Typical Properties

Property	Value (ca.)	Unit	Method
Solvent	butyl acetate/ methyl ethyl ketone 70/ 30		
Solid content	45	%	DIN EN ISO 3251
Dynamic viscosity	1,000 - 3,500	mPas	DIN EN ISO 3219
Glass transition temperature (Tg)	- 45	°C	DIN EN ISO 11357-1
Viscosity number	125	cm ³ /g	DIN EN ISO 1628-1
Molecular weight (Mw)	300,000	g/mol	DIN 55672-1
Density	0.90	g/cm ³	DIN EN ISO 12185
Flash point	- 4	°C	DIN EN ISO 13736

Applications

Organic dispersion with the use as a binder for heat seal lacquers for sealing aluminium foil or PET film versus polypropylene, polystyrene or vinyl.

Instruction for use

Drying	Dries physically on solvent evaporation. After brief airing, 15 sec. at 180 °C.
Dilutability	DEGALAN [®] PM 666 is dilutable with esters and ketones.
Hints for application	Since DEGALAN [®] PM 666 adheres very well to aluminium foil, priming with a PVC copolymer-based lacquer is not required. Recommended film thickness of DEGALAN [®] PM 666 is 7 µm.

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General Remarks

Packaging	Open top steel drums: 175 kg net; Recycable IBC with PE insert: 850 kg net.
Storage	Keeps for one year from date of delivery if stored tightly closed in a cool place. Before processing, DEGALAN [®] PM 666 must be well stirred, since storage can lead to phase separation.

Typical properties are approximate reference values. If you need product specifications please contact us.

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