



Technical Leaflet

WorléeSin PM 200

Art.-No. 115502-01120 Revision: 31.01.08

W'Sin PM 200 is a low viscous pentaerythritol maleic resin for decorative and industrial paints as well as for the production of highly concentrated pigment pastes.

Technical Data:

Melting point, capillary method	95 - 115 °C
Acid value, DIN EN ISO 3682	15 - 25
Colour, Gardner, 50% in white spirit 145 - 195, DIN ISO 4630	max. 8
Flow time, 20 °C, 50% in white spirit 145 - 195, DIN 53211-4	20 - 40 s
Delivery form	100%, in pellets and/or flakes

Compatibility:

W'Sin PM 200 is compatible with non drying and with drying short, medium and long oil alkyds. It is also compatible with epoxyesters and vinyl polymerisates type Laroflex MP 35 from BASF. W'Sin PM 200 is also compatible with 2 pack coatings type epoxy (for instance Epikote 1001 from Shell cross-linked with W'Dur H 60) and type polyurethane (for instance Desmophen RD 181 from Bayer cross-linked with Desmodur N also from Bayer).

<u>Solubility</u>		Viscosity 50% (DIN 53211-4)
White spirit 135 - 175	S	approx. 18 s
White spirit 145 - 195	S	approx. 20 s
White spirit 180 - 210	S	approx. 45 s
Xylene	S	approx. 12 s
Toluene	S	approx. 12 s
Solvesso 100 (Exxon)	S	approx. 18 s
Butyl acetate 98/100	S	approx. 15 s
Methyl ethyl ketone	S	approx. 12 s
Isopropyl alcohol	is	
Butanol	S	approx. 45 s
Ethyl alcohol	is	
Ethyl glycol acetate	S	approx. 45 s
Solvenon PM (BASF)	S	approx. 36 s
Isopar H (Exxon)	S	approx. 80 s

The above declarations serve for information purposes only. In particular, they shall not be relevant to define binding specifications for any orders. With respect to any order, the specifications shall be governed by the provisions of the sales contract to be concluded between the parties (e.g. the "product specification").

Any deliveries are exclusively subject to our general standard terms and conditions in their respectively valid version. We will be happy to provide you with the general standard terms and conditions upon your request and they can be downloaded online at http://www.worlee.de/GSTC





WorléeSin PM 200

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Key:

s = soluble is = insoluble c = compatible

Application and Properties:

W'Sin PM 200 is added to air drying decorative, house, DIY paints and to industrial coatings for improving hardness, gloss and solids content. Due to its low viscosity, good pigment wetting and very good compatibility, W'Sin PM 200 is also used for production of high concentrated solvent-based pigment pastes.

Additional Information

Rub-Out

		NC	TPA	LA	PU	EP	ALM	ACM	
	black	good	low	good	low	low	low	low	
W`Sin PM 200	blue	good	low	good	good	low	good	low	
	black	good	low	good	low	low	good	low	
Aldehyde- resin	blue	good	low	good	good	good	good	good	

Seeding

		NC	TPA	LA	PU	EP	ALM	ACM
	black	good	moderate	good	good	good	good	good
W´Sin PM 200	blue	good	moderate	good	good	good	good	good
	black	moderate	good	good	good	good	good	good
Aldehyde- resin	blue	moderate	good	good	good	good	good	good

Further advantages of W´Sin PM 200 in comparison to aldehyde resin: 85 - 90%, W´Sin PM 200 is based on natural raw material economical advantageous.

WSin PM 200 is solvent in dearomatized solvents.

Abbreviations

TPA thermo plastic acrylate

LA long oil alkyd ALM alkyd-melamine ACM acrylic-melamine