

Technical Leaflet

WorléeSin PM 202

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WorléeSin PM 202 is a pentaerythritol maleic resin with fast solvent release and good colour retention for the manufacture of oil and alkyd paints.

Technical Data:

Melting point, capillary method	100 - 125 °C
Acid value, DIN EN ISO 3682	15 - 20
Colour, Gardner, 50% in white spirit 145 - 195, DIN ISO 4630	max. 8
Flow time, 50% in white spirit 145 - 195, DIN 53211-4	30 - 60 s
Flow time, 60% in xylene, DIN 53211-4	30 - 60 s
Delivery form	100%, in pellets and/or flakes

Compatibility and Solubility:

WorléeSin PM 202 is compatible with short, medium and long oil alkyds. Due to the large number of different resins, we recommend corresponding preliminary trials.

WorléeSin PM 202 is soluble in aliphatic and aromatic hydrocarbons, esters, ketones and glycol esters. It is insoluble in alcohols and isoparaffines.

Application and Properties:

WorléeSin PM 202 is added to air drying industrial paints to improve hardness, gloss and gloss retention. Addition of WorléeSin PM 202 to top coats up to 10% (calculated on alkyds solids) may be added without affecting exterior durability.

Due to its very pale colour and excellent light resistance, WorléeSin PM 202 is also added to high gloss white alkyd enamels, improving as well as drying properties, hardness, gloss and gloss retention as reducing sagging or dripping.

Shelf Life:

The storage stability of WorléeSin PM 202 in the originally closed barrel is at a storage temperature from + 5 to + 25 °C twelve months, counted from the day of the delivery ex works.