

Technical Leaflet

WorléeFen F 120

Art.-No. 115503-01134

Revision: 29.01.08

W'Fen F 120 is a phenolic modified hard resin mainly used in combination with alkyds and in cooking with drying and stand oils.

Technical Data:

Melting point, capillary method	110 - 130 °C
Acid value, DIN EN ISO 3682	10 - 20
Colour, Gardner, 60% in xylene, DIN ISO 4630	max. 10
Flow time, 20 °C, 60% in xylene, DIN 53211-4	80 - 120 s
Delivery form	100%, in pellets and/or flakes

Compatibility and Solubility:

W'Fen F 120 is compatible with drying short, medium and long oil alkyds. It is also well compatible with drying oils.

W'Fen F 120 is soluble in aromatic hydrocarbons, esters, ketones and glycol ethers. In aliphatic hydrocarbons W'Fen F 120 is partially soluble.

Application and Properties:

W'Fen F 120 differs from W'Fen 105 by a higher melting point, more hardness and higher viscosity. W'Fen F 120 can be used as well for cold blend with alkyds and drying oils as for cooking with drying and stand oils.

Due to the very good water and weather resistance and to the relatively pale colour, W'Fen F 120 is used for the manufacture of yacht and exterior varnishes. Furthermore W'Fen F 120 is used in varnishes for floors, furniture and marine paints.

W'Fen F 120 can also be used for alkyd modification.