

ORGAPOL 1100 – 55M



Saturated Polyester resin

Supply form:	55 % solution in Shellsol A100/ xylene / n-butanol.
Use:	For production of auto enamels in combination with melamine-formaldehyde resin, drying at high temperature.
Classification:	Meets the requirements of the EU legislation.

CHARACTERISTICS

INDEXES	NORM
Appearance: (visually)	Clear, homogeneous liquid
Colour Gardner on supplied form: (BNS ISO 4630)	max 2
Non-volatile content, (0,5-0,8g/150°C/1h): (BNS EN ISO 3251)	55±1 %
Viscosity after Brookfield at 25°C: (ISO 2555)	700 - 1200 mPa.s
Acid number of 100% of a resin: (BNS EN ISO 3682)	10 - 15 mg KOH/g
Hydroxyl number of 100% of a resin: (BNS EN ISO 4629)	120 - 135 mgKOH/g

OTHER INFORMATION

Viscosity Brookfield at 23°C: (ISO 2555)	1000-1500 mPa.s
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Density at 20°C:
(BNS ISO 2811-1)

1,00 g/cm³

Flash point, covered pot:
(BNS ISO 2719)

36 °C

Solubility:

It is dissolves in aromatic and cycloaliphatic hydrocarbons, esters, ketons, glycol ethers. It has limited solubility in n-butanol and propanol.

Application:

It is used for production of auto enamels in combination with melamine-formaldehyde resin, drying at high temperature.

Packaging:

In metal barrels; plastics containers; cisterns from stainless steel.

Storage:

Store in well closed packages, in sheltered, dry and well-ventilated warehouses, protected from direct sunlight, at a temperature up to 30°C.
Shelf life -12 months from the production date.

Hygiene, safety work and ecology:

Refer to the Material Safety Data Sheet for further information on the safe storage, use and handling of Orgapol 1100 – 55M. The Material Safety Data Sheet (MSDS) should always be read and understood thoroughly before handling the product, and adequate safety procedures should be followed.

The present technical description has the purpose to inform the clients on the quality of our product. The data herein is based on our present best knowledge. We invite our clients before work to check the quality of the product or its adaptation to the base and to make an experimental application. Our clients must be sure, that the present technical description hasn't been changed or replaced by a newer edition.

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