

ALKYD-STYRENATED RESIN– 55 X



Acrylated and styrenated alkyd resin based upon a blend of mixed non-yellowing oils

Supply form:	55 % solution in xylene
Use:	It is used for the production of quickly drying industrial primers and topcoats for metal.
Classification:	Meets the requirements of the EU legislation.

CHARACTERISTICS

INDEXES	NORM
Appearance: (visually)	Colourless homogeneous liquid
Colour Gardner, form of delivery: (BNS ISO 4630)	max 6
Non-volatile content, 125°C/1 h: (BNS EN ISO 3251)	55 ± 2,0 %
Viscosity Brookfield at 23°C, (sp.3/60 rpm): (ISO 2555)	400 – 900 mPa.s
Acid number of 100% of a resin: (BNS EN ISO 3682)	max 10 mgKOH/g

OTHER INFORMATION

Type of oil:	DCO/Linseed Oil
Oil content:	31 %
Density at 20°C: (BNS ISO 2811-1)	0,96 g/cm ³

Flash point, closed pot: (BNS ISO 2719)	min 28°C
Solubility:	It dissolves in all type of aromatic hydrocarbons; limited solubility in higher esters.
Application:	Alkyd-styrenated resin-55 X is low viscosity resin and is applied for production of quickly drying industrial primers and topcoats for metal. In pigmented systems it dries after the addition of 0,03 % Co on base resin. For the faster through-dry: 0,05 % Co; 0,1 % Ca; 0,2 % Zr on base resin. The finishes, based on Alkyd-styrenated resin-55 X, have very good atmospheric resistance and high gloss.
Compatibility:	Very limited compatibility with short and medium oil alkyd resin. Alkyd-styrenated resin-55 X is used mainly as sole binder.
Package:	In metal barrels; plastics containers; cisterns from stainless steel
Storage:	Store in tightly closed packages, in sheltered, dry and well-ventilated warehouses, protected from direct sunlight, at a temperature up to 30°C. Shelf life -6 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 Alkyd-styrenated resin-55 X. 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.

Orgachim Resins®

Ruse 7000, 21 Treti mart Blvd., tel.: +359 82 886 340; fax: +359 82 886 340

www.orgachimresins.bg