

## BALKYD 480 S-55 WSX



**Medium oil, oxidative drying alkyd resin, modified with vegetable oils**

<b>Supply form:</b>	55% solution in white-spirit and xylene.
<b>Use:</b>	For production of high-quality air-drying enamels and other special coatings for metal.
<b>Classification:</b>	Meets the requirements of EU legislation.

### CHARACTERISTICS

INDEXES	NORM
<b>Appearance:</b> (visually)	Homogenous clear viscous liquid
<b>Gardner colour of a 45% solution in white spirit:</b> (BNS ISO 4630)	max 5
<b>Non-volatile content, 125°C/1h:</b> (BNS EN ISO 3251)	55±1%
<b>Brookfield viscosity, 23°C</b> (ISO 2555)	5000-10 000 mPa.s
<b>Acid number of 100% of a resin:</b> (BNS EN ISO 3682)	max 10 mgKOH/g

### OTHER INFORMATION

<b>Oil content:</b>	48 %
<b>Density at 20°C:</b> (BNS ISO 2811-1)	0,93 g/cm <sup>3</sup>
<b>Flash point, closed cup:</b> (BNS ISO 2719)	38°C

- Solubility:** Soluble in white spirit, xylene, butanol and other aliphatic and aromatic hydrocarbons, esters, glycol esters and higher ketones
- Application:** The coatings based on Balkyd 480 S–55 WSX have very good drying ability, weather resistance, elasticity, excellent gloss and high hardness.  
The recommended siccation is: 0,1-0,3% Ca; 0,05-0,07% Co; 0,15-0,3% Zr in relation to 100% resin.  
Balkyd 480 S – 55 WSX may be mixed in with other medium-oil and long-oil alkyd resins, modified with vegetable oils or based on distilled fatty acids.
- Packaging:** In metal barrels; plastic containers; cisterns made of stainless steel.
- Storage:** Store in well-closed packages, in sheltered and dry storage premises, protected from direct sunlight at temperatures no higher than 30°C.  
**Storage shelf life** – 6 months from production date.
- Hygiene, safety work and ecology:** Refer to the Safety Data Sheet for further information on the safe storage, use and handling of Balkyd 480 S–55 WSX. 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](http://www.orgachimresins.bg)