

BALKYD 430 RD – 60 X



Medium oil alkyd resin, modified with dehydrated castor oil

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| Supply form: | 60% solution in xylene |
| Use: | It is used for production of : - enamels for metal - in combination with melamine resin at an increased temperature; - lacquers for wood - in combination with urea resin in presence of acid catalyst. |
| Classification: | Meets the requirements of the EU legislation. |

CHARACTERISTICS

| INDEXES | NORM |
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| Appearance: (visually) | Clear viscous liquid |
| Colour Gardner 50% solution in xylene: (BNS ISO 4630) | max 5 |
| Non-volatile content, (125°C/1 h): (BNS EN ISO 3251) | 60±1 % |
| Viscosity Brookfield at 23°C: (ISO 2555) | 1000-3500 mPa.s |
| Acid number of 100% of a resin: (BNS EN ISO 3682) | max 20 mgKOH/g |

OTHER INFORMATION

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| Oil content: | 43 % |
| Hydroxyl content (solid resin): | approx. 2,0 % |

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| Density at 20°C: (BNS ISO 2811-1) | 1,00 g/cm ³ |
| Flash point, covered pot: (BNS ISO 2719) | 31°C |
| Solubility: | Soluble in aromatic hydrocarbons, esters, ketones and glycol ethers. Partially soluble in aliphatic hydrocarbons and higher alcohols. |
| Application: | <p>Balkyd 430 RD-60 X in combination with melamine or urea resins gives coatings, which have high hardness, notable gloss, good elasticity and adhesion, resistance to chemicals and stability to strikes.</p> <p>For formulation in combination with melamine resin at an increased temperature the mixing ratio is from (70-80 %) : (30-20 %) in terms of solids on solids. The stoving temperature has to be in range between 80 and 120°C.</p> <p>For formulation in combination with urea resin (in presence of acid catalyst) the mixing ratio is from (70-75 %) : (30-25 %) in terms of solids on solids.</p> |
| Package: | In metal barrels; plastics containers; cisterns from stainless steel. |
| Storage: | <p>Store in well-closed packages, in closed, dry and fireproof storage, away from direct sunlight at temperatures up to 30°C.</p> <p>Shelf life -12 months from the production date.</p> |
| Hygiene, safety work and ecology: | Refer to the Material Safety Data Sheet for further information on the safe storage, use and handling of Balkyd 430 RD-60 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.

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