

SIRION[®] AK 5004

DATA SHEET
RS/AK5004/022101/1

Description

Saturated polyester resin dissolved in aromatic hydrocarbons, methoxypropanol and glycolether.
Experimental resin. The specifications could be refined without any notice. In case of any question, please contact our sales department.

Applications

Sirion[®] AK 5504 is suitable to prepare can / coil coating paints with hardeners based on blocked isocyanates or melaminic or benzoguanaminic resins. Slight degree of branching assures high reactivity to the paints based on it. High glass transition temperature (T_g around 40°C) of Sirion[®] AK 5504 confers to cured film high thermal stability and low tack effect.

Sales specification

Property	Value	Unit	Method
Acid number	4 max.	mg KOH/g.	SIR 10231
Viscosity at 25°C (Noury)	2500 ... 4000	mPa.s	SIR 10647
Non volatile content (1 g. for 30 min. at 180°C)	49 ... 51	%	SIR 10553
Colour	3 max.	Gardner unit	ASTM D 1544

Typical properties

Property	Value	Unit	Method
Aspect	Clear / slightly opalescent liquid		SIR 10010
Hydroxyl number	35 ca	mg KOH/g.	calculated
Viscosity at 25°C (Gardner)	Y ... Z1	G. U.	SIR 10552
Solvents:			
Aromatic Idrocarbons (Naphtha 100)	16 ca	%	calculated
Methoxypropanol	16 ca		
Butylglycol	16 ca		

Supply Form

Product is available in a 225 kg lined drum, 1000 kg container and bulk.

Storage stability

The product should be stored in the original containers, in dry ambient, protected against light and direct sun-rays at temperature ranging from 5 to 30°C. In these conditions it is stable for one year.

Safety

For safety and handling please refer to safety data sheet of product.

SIRION[®] is a SIR INDUSTRIALE registered trade mark.

N.B.: The data given in this brochure do not constitute characteristic properties of the single product.

To our best knowledge, the information contained in this brochure is accurate and corresponds to the truth.

However, any recommendations or suggestions are provided without any guarantee, since the conditions in which the products are used are not under our control. Furthermore, nothing contained in this brochure shall be interpreted as a recommendation for using the product in violation of any patents relating to the material and their uses.