

SIRION[®] AK 6503

DATA SHEET
RS/AK6503/082102/1

Description

Saturated polyester resin dissolved in aromatic hydrocarbons and glycolether.

Applications

Sirion[®] AK 6503 is suitable to prepare coil coating primers and topcoat with hardeners based on blocked isocyanates or amino resins. Stoving enamels based on it show good weather resistance, adhesion to metals and flexibility.

Sales specification

Property	Value	Unit	Method
Acid number (on solid)	3 max	mg KOH/g.	SIR 10328
Viscosity at 25°C (Noury)	3500 ... 5500	mPa.s	SIR 10647
Non volatile content (1 g. for 30 min. at 180°C)	64 ... 66	%	SIR 10553
Colour	3 max.	Gardner unit	ASTM D 1544

Typical properties

Property	Value	Unit	Method
Aspect	Clear liquid Slightly yellow		SIR 10010
Hydroxyl number on solid	45 ca	mg KOH/g.	calculated
Solvents:			
Aromatic hydrocarbons C10	25	%	calculated
Butylglycol	10		
Glass transition temperature Tg	24 ca	°C	ASTM D 3418

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.