

OREVAC[®] 18345 RNP

PIPE COATING BINDER RESINS

OREVAC 18345 RNP is a range of modified polyethylene which, when molten, have excellent adhesive properties to various substrates and are designed to bond dissimilar materials. It is supplied in black colored powder form.

General points

The **OREVAC 18345 RNP** is designed for use in applications where both the adhesive performances and The mechanical and heat resistance properties of polyethylene can be exploited. These OREVAC are used as topcoat layer coatings (epoxy primer/polyethylene) for external pipe protection.

APPLICATION

It is important that the polymer is bonded chemically with the epoxy primer, this operation should take place before the complete polymerization of epoxy.

OREVAC 18345 RNP is specially designed for coating field joint applications.

Typical properties

Characteristics	Value	Unit	Test Method
Melt index (190 °C / 2,16 kg)	8	g/10mn	ISO 1133
Melting point	121	°C	DSC (internal)
Vicat (10N)	88	°C	ISO 306
Density	0.93	g/cm3	ISO 1183
Strength at break ⁽¹⁾	13	MPa	ISO R 527 / ASTM D 638
Elongation at break ⁽¹⁾	700	%	ISO R 527 / ASTM D 638
Hardness shore D	49		ISO 608
Sieve analysis	<3%	> 500µm	EN 4610
	<20%	< 125µm	

Security / Precautions of use

A safety data sheet is available close to your correspondent ARKEMA or on the site www.arkema.com under heading FDS.

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