

Lushan L-5R Polyethylene Copolymer Adhesive for Steel Pipe Coating

Category : Polymer , Thermoplastic , Polyethylene (PE)

Material Notes:

Copolymer adhesive resin Lushan L-5R series is maleic anhydride grafted polyethylene which could be in granule or powder form. It was developed by Lushan with independent patent technologies and proved with excellent performance in the widely applications of pipeline projects both in China and international market. The purpose of the adhesive is to bond the epoxy layer to the top coat. Copolymer adhesive resin Lushan L-5R series is mainly used as adhesive layer in 3 layers polyethylene system (3LPE) for steel pipe against corrosion coating system in oil and gas pipeline and high pressure water pipeline. Copolymer adhesive resin Lushan L-5R series has good properties such as high bonding strength, long-term stability, wide compatibility, easy processing, etc. Copolymer adhesive resin Lushan L-5R series designed to meet with requirements of the following National and international standards, under the condition that appropriate industrial processing method are applied under a continuous quality control system and when used in combination copolymer adhesive resin Lushan L-5R& polyethylene compound top coats EJ-1 and compatible powder epoxy. Information provided by Lushan

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lushan-L-5R-Polyethylene-Copolymer-Adhesive-for-Steel-Pipe-Coating.php

Physical Properties	Metric	English	Comments
Density	0.930 g/cc	0.0336 lb/in ³	ASTM D792
Melt Index of Compound	2.3 g/10 min	2.3 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	20.0 MPa	2900 psi	ASTM D638
Elongation at Break	860 %	860 %	ASTM D638
Peel Strength	>= 90.0 kN/m	>= 514 pli	60+5Â°C; ISO 21809-1
	>= 130 kN/m	>= 742 pli	50+5Â°C; ISO 21809-1
	>= 160 kN/m	>= 913 pli	20+5Â°C; ISO 21809-1

Thermal Properties	Metric	English	Comments
Melting Point	128 Â°C	262 Â°F	ASTM D2117
Maximum Service Temperature, Air	60.0 Â°C	140 Â°F	
Vicat Softening Point	104 Â°C	219 Â°F	ASTM D1525
Minimum Service Temperature, Air	-40.0 Â°C	-40.0 Â°F	
Brittleness Temperature	-70.0 Â°C	-94.0 Â°F	ASTM D746

Descriptive Properties	Value	Comments
------------------------	-------	----------

Descriptive Properties	Value ^{le}	Comments
------------------------	---------------------	----------

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com
Email : sales@lookpolymers.com
Tel : +86 021-51131842
Mobile : +86 13061808058
Skype : lookpolymers
Address : United North Road 215,Fengxian District, Shanghai City,China