

## Lushan PR298 Polypropylene Copolymer Adhesive for Steel Pipe Coating

Category : Polymer , Thermoplastic , Polypropylene (PP)

**Material Notes:**

Polypropylene copolymer adhesive resin Lushan PR298 is maleic grafted polymer in granule form. It is a high tech product and was developed by Guangzhou Hot-melt Adhesive Engineering and Technical R&D Center. Polypropylene copolymer adhesive resin Lushan PR298 is used as adhesive layer between epoxy powder layer and PP compound top coats layer. Polypropylene copolymer adhesive resin Lushan PR298 been exported to many countries all over the world, and successfully applied to wrapped coated or direct coated 3PP buried anti-corrosion steel pipe and coated steel plastic composite pipe for exploration and transportation of natural gas, oil, chemical liquids, water, etc. Information provided by Lushan

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Lushan-PR298-Polypropylene-Copolymer-Adhesive-for-Steel-Pipe-Coating.php](http://www.lookpolymers.com/polymer_Lushan-PR298-Polypropylene-Copolymer-Adhesive-for-Steel-Pipe-Coating.php)

Physical Properties	Metric	English	Comments
Density	0.892 g/cc	0.0322 lb/in <sup>3</sup>	ASTM D792
Melt Index of Compound	2.0 g/10 min	2.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Elongation at Break	500 %	500 %	ASTM D638
Peel Strength	>= 100 kN/m	>= 571 pli	90+5 <sup>o</sup> C; ISO 21809-1
	>= 150 kN/m	>= 856 pli	50+5 <sup>o</sup> C; ISO 21809-1
	>= 200 kN/m	>= 1140 pli	20+5 <sup>o</sup> C; ISO 21809-1

Thermal Properties	Metric	English	Comments
Melting Point	160 <sup>o</sup> C	320 <sup>o</sup> F	ASTM D2117
Maximum Service Temperature, Air	110 <sup>o</sup> C	230 <sup>o</sup> F	
Vicat Softening Point	130 <sup>o</sup> C	266 <sup>o</sup> F	ASTM D1525
Minimum Service Temperature, Air	-20.0 <sup>o</sup> C	-4.00 <sup>o</sup> F	
Brittleness Temperature	-30.0 <sup>o</sup> C	-22.0 <sup>o</sup> F	ASTM D746

Descriptive Properties	Value	Comments
Appearance	granule	

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