

# Lushan PR298

Polypropylene Copolymer

Guangzhou Lushan New Materials Co., Ltd

## Message:

Polypropylene Copolymer Adhesive for Steel Pipe Coating

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.

General Information			
Features	Copolymer		
Uses	Adhesives		
	Oil/Gas Applications		
	Pipe Coatings		
Forms	Granules		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.892	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Elongation (Break)	500	%	ASTM D638
Films	Nominal Value	Unit	Test Method
Peel Strength			ISO 21809-1
20°C	> 20.0	kN/m	
50°C	> 15.0	kN/m	
90°C	> 10.0	kN/m	
Operating Temperature	-20 to 110	°C	
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -30.0	°C	ASTM D746
Vicat Softening Temperature	130	°C	ASTM D1525
Peak Melting Temperature	160	°C	ASTM D2117

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