

Lushan H-4

Polyethylene

Guangzhou Lushan New Materials Co., Ltd

Message:

Adhesive Resin for Aluminium plastic Composite Pipe

Adhesive resin Lushan series for aluminum-plastic composite pipe is maleic grafted polyethylene used for PE-AL- PE, PEX-AL- PEX and PERT-AL- PERT composite pipes. Lushan adesive resin could provides innovative solutions for plumbing and heating pipe systems including applications of domestic water piping, under-floor heating, radiator connections and wall, cooling and heating installations, district heating and industrial piping, etc. PPR pipe adhesive resin Lushan series is maleic grafted polypropylene used for PPR piping system. As a breakthrough of PP grafted materials, Lushan makes its adhesive resin to be possible to combine the advantages of materials and polymers in the multi-layer aluminium plastic composite structures. The high mechanical and thermal cycle resistance of Lushan adhesive resin provide an excellent bonding effect over a wide temperature range. Application: Overlapped Welded

General Information			
Features	Weldable		
Uses	Adhesives		
	Piping		
	Plumbing Parts		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.924	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Elongation (Break)	600	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	95.0	°C	ASTM D1525
Peak Melting Temperature	126	°C	ASTM D2117

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