

Lushan RF1000

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.

| General Information | | | |
|---|----------------|-------------------|-------------|
| Uses | Adhesives | | |
| | Piping | | |
| | Plumbing Parts | | |
| Forms | Pellets | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 0.926 | g/cm ³ | ASTM D1505 |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 2.5 | g/10 min | ASTM D1238 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Elongation (Break) | 680 | % | ASTM D638 |
| Thermal | Nominal Value | Unit | Test Method |
| Vicat Softening Temperature | 92.0 | °C | ASTM D1525 |
| Peak Melting Temperature | 126 | °C | ASTM D2117 |

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