

Lushan M-20A Adhesive Resin for Multi-layer Oxygen Barrier Pipe

Category : Polymer , Adhesive , Thermoplastic , Polyolefin

Material Notes:

Adhesive resin Lushan series for multi-layer oxygen barrier pipe is a modified polyolefin with functional groups. It's designed to bond to a variety of barrier materials, such as nylon and ethylene vinyl alcohol (EVOH) etc. Adhesive resin Lushan M-20A & 12A have good properties as below: High bonding strength A wide range of bonding Excellent chemical bonding with barrier materials EVOH & Nylon Excellent heat resistance, weather resistance, chemical resistance Excellent mechanical properties Easy processing for adhesive resin Hygiene and safety, non-toxic residue for adhesive resin, etc. Applications: EVOH & Nylon Information provided by Lushan

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lushan-M-20A-Adhesive-Resin-for-Multi-layer-Oxygen-Barrier-Pipe.php

| Physical Properties | Metric | English | Comments |
|------------------------|---|---|------------|
| Density | 0.909 g/cc | 0.0328 lb/in ³ | ASTM D1505 |
| Melt Index of Compound | 2.12 g/10 min @Load 2.16 kg, Temperature 190 °C | 2.12 g/10 min @Load 4.76 lb, Temperature 374 °F | ASTM D1238 |

| Mechanical Properties | Metric | English | Comments |
|---------------------------|----------|----------|-----------|
| Tensile Strength at Break | 19.0 MPa | 2760 psi | ASTM D638 |
| Elongation at Break | 750 % | 750 % | ASTM D638 |

| Thermal Properties | Metric | English | Comments |
|-----------------------|---------|---------|------------|
| Melting Point | 120 °C | 248 °F | ASTM D2117 |
| Vicat Softening Point | 75.0 °C | 167 °F | ASTM D1525 |

| Processing Properties | Metric | English | Comments |
|-----------------------|---------|---------|----------|
| Moisture Content | 0.060 % | 0.060 % | HG/T2751 |

| Descriptive Properties | Value | Comments |
|------------------------|-----------------------|----------|
| Appearance | Transparent particles | |

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