# Lushan M-8D

### Polyolefin

Guangzhou Lushan New Materials Co., Ltd

#### Message:

Adhesive Resin for Coextruded Multi-layer Barrier Packaging Film

Adhesive resin Lushan series for multi-layer barrier food packaging film has durable bonding properties when adheres to Polarity materials, such as PE, PP and PA, EVOH, etc. Adhesive resin Lushan series is used as tie layer resin and widely used for application of food packaging such as fruit oil, milk, water, juice& meat bags, etc.

Adhesive resin Lushan series for food package complys with FDA 21CFR175.105 and suitable for indirect food contact.

Application: PE/PA Composite Film

| General Information         |                         |          |             |
|-----------------------------|-------------------------|----------|-------------|
| Features                    | Food Contact Acceptable |          |             |
| Uses                        | Adhesives               |          |             |
|                             | Food Packaging          |          |             |
|                             | Multilayer Film         |          |             |
|                             | Tie-Layer               |          |             |
|                             |                         |          |             |
| Agency Ratings              | FDA 21 CFR 175.105      |          |             |
| Appearance                  | Clear/Transparent       |          |             |
| Forms                       | Pellets                 |          |             |
| Processing Method           | Coextruded Film         |          |             |
| Physical                    | Nominal Value           | Unit     | Test Method |
| Density                     | 0.921                   | g/cm³    | ASTM D1505  |
| Melt Mass-Flow Rate (MFR)   | 1.8                     | g/10 min | ASTM D1238  |
| Mechanical                  | Nominal Value           | Unit     | Test Method |
| Tensile Strength (Yield)    | 12.0                    | MPa      | ASTM D638   |
| Tensile Elongation (Break)  | 600                     | %        | ASTM D638   |
| Thermal                     | Nominal Value           | Unit     | Test Method |
| Brittleness Temperature     | -70.0                   | °C       | ASTM D746   |
| Vicat Softening Temperature | 75.0                    | °C       | ASTM D1525  |
| Peak Melting Temperature    | 120                     | °C       | ASTM D2117  |

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