

Daelim Po1y® LL-04SJ

Linear Low Density Polyethylene

DAELIM INDUSTRIAL CO., LTD.

Message:

Daelim Po1y®LL-04SJ is a linear low density polyethylene product, and the filler is glass fiber reinforced material. It is available in the Asia-Pacific region. Daelim Po1y®LL-04SJ application areas include bags/linings, movies and food contact applications.

Features include:

Good processability

Transparency

| General Information | | | |
|---|---------------------------------|-------------------|-------------|
| Filler / Reinforcement | Glass fiber reinforced material | | |
| Features | Workability, good | | |
| | Good color stability | | |
| | Definition, high | | |
| Uses | Films | | |
| | Bags | | |
| Agency Ratings | ASTM D 1248, I, Class A, Cat. 4 | | |
| | FDA 21 CFR 177.1520 | | |
| Forms | Particle | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 0.923 | g/cm ³ | ASTM D1505 |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 1.1 | g/10 min | ASTM D1238 |
| Films | Nominal Value | Unit | Test Method |
| Film Thickness - Tested | 25 | µm | |
| Tensile Strength | | | ASTM D882 |
| MD: Yield | 12.7 | MPa | ASTM D882 |
| TD: Yield | 11.8 | MPa | ASTM D882 |
| MD: Fracture | 40.2 | MPa | ASTM D882 |
| TD: Fracture | 31.4 | MPa | ASTM D882 |
| Tensile Elongation | | | ASTM D882 |
| MD: Fracture | 550 | % | ASTM D882 |
| TD: Fracture | 700 | % | ASTM D882 |
| Dart Drop Impact | 100 | g | ASTM D1709 |
| Elmendorf Tear Strength | | | ASTM D1922 |
| MD | 3.0 | g | ASTM D1922 |
| TD | 10 | g | ASTM D1922 |
| Optical | Nominal Value | Unit | Test Method |

| | | | |
|--|---------------|------|------------|
| Haze | 10 | % | ASTM D1003 |
| Additional Information | | | |
| Tear Strength, MD, ASTM D-1004: 110kg/cmTear Strength, TD, ASTM D-1004: 100kg/cm | | | |
| Injection | Nominal Value | Unit | |
| Processing (Melt) Temp | 170 - 210 | °C | |

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

