

BRALEN® FB 3-33

Low Density Polyethylene

Slovnaft Petrochemicals, s.r.o.

Message:

BRALEN FB 3-33 is a film grade of low density polyethylene. It contains slip, antiblocking, antistatic agents and antioxidant.

Applications

BRALEN FB 3-33 is designed for production of thin slip films for automatic packaging. Recommended film thickness for this grade is 0.02 - 0.06 mm.

BRALEN FB 3-33 is suitable for food contact. The product complies with Food Contact Regulations.

| General Information | | | |
|--|-------------------------|-------------------|-------------|
| Additive | Antiblock (1000 ppm) | | |
| | Antioxidant | | |
| | Antistatic | | |
| | Slip (600 ppm) | | |
| Features | Antiblocking | | |
| | Antioxidant | | |
| | Antistatic | | |
| | Food Contact Acceptable | | |
| | Slip | | |
| Uses | Film | | |
| | Packaging | | |
| Forms | Pellets | | |
| Processing Method | Film Extrusion | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 0.919 | g/cm ³ | ISO 1183/C |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 2.9 | g/10 min | ISO 1133 |
| Hardness | Nominal Value | Unit | Test Method |
| Shore Hardness (Shore D, Injection Molded) | 42 | | ISO 868 |
| Films | Nominal Value | Unit | Test Method |
| Film Thickness - Tested | 40 | µm | |
| Film Thickness - Recommended / Available | 0.02 to 0.06 mm | | |
| Tensile Strength | | | ISO 527-3 |
| MD : 40 µm, Blown Film | 21.0 | MPa | |
| TD : 40 µm, Blown Film | 16.0 | MPa | |
| Tensile Elongation | | | ISO 527-3 |
| MD : Break, 40 µm, Blown Film | 300 | % | |
| TD : Break, 40 µm, Blown Film | 500 | % | |

| | | | |
|--------------------------------------|---------------|------|--------------|
| Dart Drop Impact (40 µm, Blown Film) | 90 | g | ISO 7765-1/A |
| Thermal | Nominal Value | Unit | Test Method |
| Vicat Softening Temperature | 94.0 | °C | ISO 306/A50 |
| Optical | Nominal Value | Unit | Test Method |
| Haze (40.0 µm, Blown Film) | 8.0 | % | ISO 14782 |
| Extrusion | Nominal Value | Unit | |
| Melt Temperature | 150 to 165 | °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

