

Daelim Po1y® PP-171

Polypropylene Homopolymer
DAELIM INDUSTRIAL CO., LTD.

Message:

Daelim Po1y®PP-171 is a polypropylene homopolymer (PP Homopoly) product. It is available in the Asia-Pacific region. Typical application areas are: textile/fiber.
Features include:
high gloss
Homopolymer
beautiful

| General Information | | | |
|---|---|----------|-------------|
| Features | Highlight | | |
| | Homopolymer | | |
| | Excellent appearance | | |
| | Medium wide molecular weight distribution | | |
| Uses | staple fiber | | |
| Forms | Particle | | |
| Physical | Nominal Value | Unit | Test Method |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 12 | g/10 min | ASTM D1238 |
| Hardness | Nominal Value | Unit | Test Method |
| Rockwell Hardness (R-Scale) | 104 | | ASTM D785 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Yield) | 37.3 | MPa | ASTM D638 |
| Tensile Elongation (Yield) | 10 | % | ASTM D638 |
| Flexural Modulus | 1470 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (23°C) | 39 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (0.45 MPa, Unannealed) | 105 | °C | ASTM D648 |
| Vicat Softening Temperature | 156 | °C | ASTM D1525 |
| Additional Information | | | |
| Accelerated Oven Aging in Air, ASTM D3012, Forced Circulation at 150°C: 360 hours | | | |
| Injection | Nominal Value | Unit | |
| Processing (Melt) Temp | 230 - 260 | °C | |

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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

