

Teldene® H03BPMP

Polypropylene Homopolymer

National Petrochemical Industries Company (NATPET)

Message:

Teldene® H03BPMP is a Polypropylene Homopolymer (PP Homopolymer) material. It is available in Africa & Middle East, Asia Pacific, or Europe for bi-axially oriented film, coextrusion, extrusion, or solid phase press. form. thermoforming.

Important attributes of Teldene® H03BPMP are:

- Clarity
- Food Contact Acceptable
- Good Processability
- High Gloss
- High Stiffness
- Typical applications include:
 - Film
 - Packaging
 - Sheet

| General Information | | | |
|---|--|-------------------|-------------|
| Features | Food Contact Acceptable | | |
| | Good Processability | | |
| | Good Stretchability | | |
| | High Clarity | | |
| | High Gloss | | |
| | High Stiffness | | |
| | High Strength | | |
| | Homopolymer | | |
| | Metallizable | | |
| Uses | Bi-axially Oriented Film | | |
| | Packaging | | |
| | Sheet | | |
| Processing Method | Bi-axially Oriented Film | | |
| | Coextrusion | | |
| | Extrusion | | |
| | Solid Phase Press. Form. Thermoforming | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 0.900 | g/cm ³ | ISO 1183 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 3.0 | g/10 min | ISO 1133 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore D) | 98 | | ASTM D785 |
| Mechanical | Nominal Value | Unit | Test Method |

| Tensile Modulus | 1500 | MPa | ISO 527-2/1 |
|--|---------------|------|--------------|
| Tensile Stress | | | ISO 527-2/50 |
| Yield | 36.3 | MPa | |
| Break | 23.0 | MPa | |
| Tensile Strain | | | ISO 527-2/50 |
| Yield | 12 | % | |
| Break | > 50 | % | |
| Thermal | Nominal Value | Unit | Test Method |
| Heat Deflection Temperature (0.45 MPa, Unannealed) | 94.0 | °C | ISO 75-2/B |
| Vicat Softening Temperature | 153 | °C | ISO 306/A50 |
| Optical | Nominal Value | Unit | Test Method |
| Haze (20.0 µm) | < 0.50 | % | ASTM D1003 |

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