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Moplen HP740M

Polypropylene, Homopolymer

Product Description

Moplen HP740M is a polypropylene homopolymer formulated without slip or anti-blocking agents. With its excellent opticals, good stiffness, low gels, platability and good compatibility with multi-layer film constructions, this grade is especially suitable as a core layer for metallized and laminated cast film.

Product Characteristics

Status Commercial: Active

Test Method used ASTM

Availability Asia-Pacific, Australia/NZ, Africa-Middle East

Processing Methods Cast Film

Features Low Gel, Homopolymer, Opticals, Platable, Good

Stiffness

Typical Customer Applications Food Packaging Film, Lamination Film

| Typical Properties | Method | Value | Unit |
|---|-------------|-------|----------|
| Physical | | | |
| Density -Specific Gravity | ASTM D 792 | 0.9 | g/cm³ |
| Melt Flow Rate (230°C/2.16kg) | ASTM D 1238 | 8 | g/10 min |
| Mechanical | | | |
| Flexural Modulus | ASTM D 790 | 1800 | MPa |
| Tensile Strength @ Yield | ASTM D 638 | 37 | MPa |
| Tensile Elongation @ Yield | ASTM D 638 | 8 | % |
| Impact | | | |
| Notched Izod Impact (23 °C) | ASTM D 256 | 37 | J/m |
| Thermal | | | |
| Heat deflection temperature at 0.46 N/mm2 | ASTM D 648 | 119 | °C |

Notes

Typical properties; not to be construed as specifications.