

Technical Data Sheet

Moplen RP225N



Polypropylene, Random Copolymer

Product Description

Polypropylene random copolymer resin for skin-layer of co-extrusion.

Application Food Packaging Film; Multi Media Packaging; Stationery Film

Market Consumer Products; Flexible Packaging

Processing Method Cast Film

Attribute Heat Sealable; High Clarity; Random Copolymer

| Typical Properties | Nominal Value | Units | Test Method |
|---------------------------------------|---------------|-------------------|-------------|
| Physical | | | |
| Melt Flow Rate, (230 °C/2.16 kg) | 11 | g/10 min | ASTM D1238 |
| Density | 0.90 | g/cm ³ | ASTM D792 |
| Mechanical | | | |
| Flexural Modulus | 880 | MPa | ASTM D790 |
| Tensile Strength at Yield | 26 | MPa | ASTM D638 |
| Tensile Elongation at Yield | 13 | % | ASTM D638 |
| Impact | | | |
| Notched Izod Impact Strength, (23 °C) | 40 | J/m | ASTM D256 |
| Thermal | | | |
| Deflection Temperature Under Load | 84 | °C | ASTM D648 |