

VINPOL™ PR02M

Random Copolymer Polypropylene

Melt Flow: 2.0

Density: 0.90

VINPOL PR02M is a clarified random copolymer polypropylene utilizing Millad NX8000 resulting in excellent transparency.

| Resin Property | Typical Value | Units | Test Method |
|---------------------------------------|-----------------|-------------------|-------------|
| Melt Flow, 2.16kg at 230°C | 2.0 | g/10 min | ASTM D-1238 |
| Density | 0.90 | g/cm ³ | ASTM D-792 |
| Tensile Strength | 4,350 (30) | psi (MPa) | ASTM D-638 |
| Elongation at Break | >500 | % | ASTM D-638 |
| Flexural Modulus | 174,000 (1,200) | psi (MPa) | ASTM D-790 |
| Heat Deflection Temperature, 0.45 MPa | 221 (105) | °F (°C) | ASTM D-648 |
| Haze, 1mmT | 9 | % | ASTM D-1003 |
| Notched Izod Impact, 23°C | 1.87 (100) | ft-lb/in (J/m) | ASTM D-256 |
| Rockwell Hardness | 95 | R Scale | ASTM D-785 |

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