



NEXUS HPP12

Homopolymer for Injection Molded Applications

HPP12 homopolymer is designed for general purpose injected molded applications. It is characterized by easy processability and good stiffness. Also available with nucleation or antistat.

Typical Properties of this Commercial Grade

| | | |
|------------------------------------|------------|-------|
| Melt Flow Rate, I2@230°C, g/10 min | ASTM D1238 | 12.0 |
| Density, g/cm ³ | ASTM D1505 | 0.9 |
| Tensile Strength at Yield | ASTM D638 | 4,800 |
| Elongation at Yield (50 mm/min), % | ASTM D638 | 8.0 |
| Notched Izod Impact Strength @ | ASTM D256 | .6 |
| Heat Deflection Temperature @ | ASTM D648 | 100 |

Note: Specimens were injection molded according to the conditions specified in ASTM D4101.

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