

POLYCOMPO PP E7400

Polypropylene
POLYCOMPO Co.,Ltd.

Message:
POLYCOMPO PP E7400 is a Polypropylene product filled with 30% glass fiber. It is available in Asia Pacific. Primary characteristic: impact resistant.

| General Information | | | |
|-----------------------------------|----------------------------------|-------------------|-------------|
| Filler / Reinforcement | Glass Fiber,30% Filler by Weight | | |
| Features | Good Impact Resistance | | |
| Forms | Pellets | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.12 | g/cm ³ | ASTM D792 |
| Hardness | Nominal Value | Unit | Test Method |
| Rockwell Hardness (R-Scale) | 103 | | ASTM D785 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Yield) | 82.0 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 4.0 | % | ASTM D638 |
| Flexural Modulus | 4300 | MPa | ASTM D790 |
| Flexural Strength | 108 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (23°C) | 180 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load | | | ASTM D648 |
| 0.45 MPa, Unannealed | 160 | °C | |
| 1.8 MPa, Unannealed | 152 | °C | |

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