

Hostacom 75F4-2

Polypropylene Copolymer

LyondellBasell Industries

Message:

Hostacom 75F4-2 conventional melt flow, 1,700 MPa flexural modulus, 20% talc-filled polypropylene copolymer has an excellent combination of strength, stiffness, impact resistance and colorability.

| General Information | | | |
|---|---------------------------|-------------------|-------------|
| Filler / Reinforcement | Talc,20% Filler by Weight | | |
| Features | Copolymer | | |
| | Good Colorability | | |
| | Good Impact Resistance | | |
| | Good Stiffness | | |
| | Good Surface Finish | | |
| | High Strength | | |
| Uses | Appliances | | |
| | Household Goods | | |
| Forms | Pellets | | |
| Processing Method | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.05 | g/cm ³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 4.0 | g/10 min | ASTM D1238 |
| Molding Shrinkage - Flow (23°C, 48 hr, 3.20 mm) | 1.2 | % | ASTM D955 |
| Hardness | Nominal Value | Unit | Test Method |
| Rockwell Hardness (R-Scale) | 86 | | ASTM D785 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength | | | ASTM D638 |
| Yield | 26.0 | MPa | |
| Break | 17.0 | MPa | |
| Tensile Elongation | | | ASTM D638 |
| Yield | 7.0 | % | |
| Break | 150 | % | |
| Flexural Modulus - Tangent ¹ | 1700 | MPa | ASTM D790A |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (23°C) | 53 | J/m | ASTM D256A |
| Thermal | Nominal Value | Unit | Test Method |

| | | | |
|--|-----|----|-----------|
| Deflection Temperature Under Load (0.45 MPa, Unannealed) | 100 | °C | ASTM D648 |
|--|-----|----|-----------|

NOTE

1. 1.3 mm/min

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