

Hostacom SD068-4C

High Melt Strength Polypropylene
LyondellBasell Industries

Message:

Hostacom SD068-4C fractional melt flow, 2,000 MPa flexural modulus, 40% calcium filled polypropylene copolymer is designed for blow molding and extrusion. This material is characterized by very good melt strength, excellent processability and an excellent impact/stiffness balance. Typical applications include wiring channels, ductwork and seat backs.

| General Information | |
|------------------------|----------------------------------------|
| Filler / Reinforcement | Calcium Carbonate,40% Filler by Weight |
| Features | Copolymer |
| | Good Impact Resistance |
| | Good Melt Strength |
| | Good Processability |
| | Good Stiffness |
| | Low Flow |
| Uses | Automotive Interior Parts |
| | Automotive Under the Hood |
| | Profiles |
| | Wire & Cable Applications |
| Appearance | Black |
| Forms | Pellets |
| Processing Method | Blow Molding |
| | Extrusion |

| Physical | Nominal Value | Unit | Test Method |
|----------------------------------------------------|---------------|-------------------|----------------------|
| Density | 1.23 | g/cm ³ | ISO 1183 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 0.40 | g/10 min | ASTM D1238, ISO 1133 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Stress (Yield) | 23.0 | MPa | ISO 527-2 |
| Tensile Strain (Break) | 300 | % | ISO 527-2 |
| Flexural Modulus | 2000 | MPa | ISO 178 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact Strength (23°C) | 55 | kJ/m ² | ISO 180 |
| Thermal | Nominal Value | Unit | Test Method |
| Heat Deflection Temperature (0.45 MPa, Unannealed) | 97.0 | °C | ISO 75-2/B |

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