

PP-5160-Mfill2

Polypropylene Compound Reinforced with Talc Powder

Injection Grade



Technical Data Sheet

Product Description

PP-5160-Mfill2 is Polypropylene based Compound in natural color and reinforced with 35% of fine calcium Carbonate Powder. This grade is designed for use in a wide range of injection parts especially in interior industry. This compound combines good mechanical, Impact strength and thermal properties, as well as dimensional stability and suitable stiffness.

General

Material Status: Available
Processing Method: injection molding
Filler: Talc Powder
Form: Pellet
Color: Natural

Properties	Nominal Value	Test Method
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Density	1.25 g/cm ³ (±0.01)	ASTM D792
MFI (230°C/ 2.16)	10 g/10 min (±2)	ASTM D1238
Filler Content	35 % (±2)	ASTM D5630
Izod Impact, Notched	5 kJ/m ² (±1)	ISO 180
Hardness	73 shore D (±2)	ASTM D570
Tensile Strength @Yield	20 MPa (±2)	ASTM D638
Elongation @ Break	30 %	ASTM D638
Tensile Modulus	2000 MPa (±200)	ASTM D638
Heat Deflection Temperature (0.45MPa)	115 °C	ASTM D648

Typical Properties: These values are not to be considered as product specifications
For more details please contact us
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