

PP-4370-Mfill1

Polypropylene Compound Reinforced with Talc Powder

Injection Grade



Technical Data Sheet

Product Description

PP-4370-Mfill1 is Co-polymer Polypropylene based Compound in black color and reinforced with 40% of fine Talc Powder. This grade is designed for use in a wide range of injection parts especially in automotive 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: Black

Properties	Nominal Value	Test Method
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Density	1.25 g/cm ³ (±0.01)	ASTM D792
MFI (230°C/ 2.16)	8 g/10 min (±2)	ASTM D1238
Filler Content	40 % (±4)	ASTM D5630
Izod Impact, Notched	8 kJ/m ² (±1)	ISO 180
Hardness	73 shore D (±2)	ASTM D570
Tensile Strength @Yield	25 MPa (±2)	ASTM D638
Elongation @ Break	6 %	ASTM D638
Tensile Modulus	3000 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
www.modiranpolymer.com