

PP-1372-Mfill1

Polypropylene Compound Reinforced with Talc Powder

Injection Grade



Technical Data Sheet

Product Description

PP-1372-Mfill1 is Homo-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, High flow ability, Heat stabilization and thermal properties, as well as dimensional stability and 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)	20 g/10 min (±2)	ASTM D1238
Filler Content	40 % (±4)	ASTM D5630
Izod Impact, Notched	3 kJ/m ² (±1)	ISO 180
Hardness	77 shore D (±2)	ASTM D570
Tensile Strength @Yield	28 MPa (±2)	ASTM D638
Elongation @ Break	3 %	ASTM D638
Tensile Modulus	4000 MPa (±200)	ASTM D638
Heat Deflection Temperature (0.45MPa)	120 °C	ASTM D648

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