

## **PP-1172-Mfill1**

### **Polypropylene Compound Reinforced with Talc Powder**

#### **Injection Grade**



#### Technical Data Sheet

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#### **Product Description**

**PP-1372-Mfill1** is Homo-polymer Polypropylene based Compound in natural 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.

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#### **General**

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

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<b>Properties</b>	<b>Nominal Value</b>	<b>Test Method</b>
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Density	1.25 g/cm <sup>3</sup> (±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 <sup>2</sup> (±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

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Typical Properties: These values are not to be considered as product specifications  
For more details please contact us  
[www.modiranpolymer.com](http://www.modiranpolymer.com)