

## **PP-4170-MFill3**

### **Polypropylene Compound Reinforced with Glass Fiber**

### **Injection Grade**



#### Technical Data Sheet

---

#### **Product Description**

**PP-4170-MFill3** is Co-polymer Polypropylene based Compound in natural color reinforced with 40% of Chopped Glass Fiber. This grade has good mechanical properties, impact resistance, thermal properties and dimensional stability. It is designed for use in a wide range of injection parts especially in automotive industry.

---

---

#### **General**

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

---

---

<b>Properties</b>	<b>Nominal Value</b>	<b>Test Method</b>
-------------------	----------------------	--------------------

---

Density	1.25 g/cm <sup>3</sup> (±0.01)	ASTM D792
---------	--------------------------------	-----------

MFI (230°C/ 2.16kg)	5 g/10 min (±1)	ASTM D1238
---------------------	-----------------	------------

Izod Impact, Notched	10 kJ/m <sup>2</sup> (±2)	ISO 180
----------------------	---------------------------	---------

Tensile Strength at Yield	80 MPa (±5)	ASTM D638
---------------------------	-------------	-----------

Elongation at Break	3% (±1)	ASTM D638
---------------------	---------	-----------

Elastic Modulus	5500 MPa (±200)	ASTM D638
-----------------	-----------------	-----------

Heat Deflection Temperature (0.45MPa)	160 °C (±5)	ASTM D648
--	-------------	-----------

---

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)