

Technical Data Sheet

Product Name: **Mineral Filled Polypropylene Compound**

Grade: **RP71PRMI-20M-Grey**

Description:

RP71PRMI-20M-Grey is polypropylene filled with mineral fillers. It combines good stiffness and toughness, simultaneously. This compound has been specifically designed for household parts.

General Information:

Material Status:	Commercially Active
Delivery form:	Pellets
Color:	Grey
Processing Method:	Injection Molding
Application:	Household parts
Packing:	25 kg

Characteristics:

	Value	Unit	Test method
Density	1.05	gr/cm ³	ASTM D 792
MFI (230 °C, 2.16 Kg)	8	gr/10min	ASTM D 1238
Tensile Strength (50 mm/min)	25	MPa	ASTM D 638
Flexural Modulus	1900	MPa	ASTM D 790
Izod Notched Impact Strength	50	J/m	ASTM D 256

Recommendation:

- The color of this compound is grey and according to the confirmed standard sample
- The recommended processing temperature is 170 to 240 °C
- Store in dry place away from direct sun exposure

Published Oct, 2024

Web-site: www.rayanbaspar.com

E-mail: rayanbaspar.ind@gmail.com

Tel: +98 21 4478 7085

Fax: +98 21 4478 7085

Address: Polymer Technology Incubator (IPPI), Km 15, Tehran-Karaj high way, Tehran, Iran