

Material Description

Il RPP GRANULO NERO MF is a polypropylene compound obtained from the recovery of industrial scraps. It has a fluidity suitable for injection molding and good thermo-mechanical properties and dimensional firmness.

Material Properties and Test Requirements

TYPICAL PHYSICAL VALUES

Proprietà fisiche	U. M.	Valore	Metodo
Melt Flow Index (230°C - 2,16 kg)	g/10'	5÷12*	ISO 1133
Density (23°C)	g/cm ³	0.89÷0.92	ISO 1183
Ash content (525°C-45')	%	≤2	ISO 3451
Moisture (loss in weight)	%	≤0.3	ASTM D6980
* se non diversamente concordato col cliente			
Proprietà meccaniche			
Flexural Modulus (2mm/min)	MPa	1000	ISO 178
Izod notched impact strenght (23°C)	Kj/m ²	≥5	ISO 180
Tensile Strenght (50mm/min)	MPa	≥20	ISO 527
Proprietà termiche			
Vicat 50N	°C	70	ISO 306

Working condition

Melting Temperature:	190 - 220 °C
Mould Temperature:	40 - 50 °C
Injection speed:	medium-high
Minimun time of Drying :	about 3 hours at 100 °C

Packaging and storage

Granules are packaged in big bags of 1200 kg.

Material must be stored in dry rooms, at ambient temperature and protected from the direct sunlight.

The dates referred above are indicatives and have not to be considered as product specifications. Because the condition in which our information and our product will be used are not predictable, our society do not guarantee the applicability and fitness of product for the use that will be done; so we decline for any responsibility for damage at the client or third parties.

Revision	Date	Written by	QA Approval
A	21/07/14	Serena D'Addio	Giuseppe Magliulo

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