



PP-PE GRANULES

TECHNICAL DATA SHEET

(Last update 19.01.2023)

Base Polymer	Polyethylene + Polypropylene Blend
Special Features	Contains 100% recycled material
Application Area	Injection moulded parts, various

TYPICAL PROPERTIES AND CHARACTERISTICS

Physical Properties	Test method	Unit	Results
MFI 190' C / 2,16kg	ISO 1133	g/10 min	2.0-3.5
Density	ISO 1183	g/cm ³	0.95-0.97
Ash content 600°C	ISO 3451-1A	%	2.0

Thermal Properties	Test method	Unit	Results
DSC - Differential scanning calorimetry			
	PE	ISO 11357	% 77
	PP	ISO 11357	% 23

Impact Properties	Test method	Unit	Results
Impact test Izod (notched) +23°C	ISO 180/A	kJ/m ²	25-29
Impact test Charpy (notched) +23°C	ISO 179-1/1eA	kJ/m ²	20-25

Tensile Properties	Test method	Unit	Results
Tensile strength modulus	ISO 527-2type1A/ 23°C/50mm/min	MPa	16.5
E-Modulus	ISO 527-2type 1A23°C/ 1mm/ min	MPa	654
Strain	ISO 527-2type1A/ 23°C/50mm/min	%	>300
Strain @ yield	ISO 527-2type1A/ 23°C/50mm/min	%	19.8

Disclaimer

These are guide values and not a specification. The test values mentioned are representative values only and not binding minimum or maximum figures. These test values have been determined on standardised test specimens and can be affected by pigmentation, mould design and processing conditions. Any information given on the chemical and physical characteristics of our products, including, without limitation, technical advice on applications, whether verbally, in writing or by testing the product, is given to the best of our knowledge and in good faith and does not exempt the buyer from carrying out their own investigations and tests in order to ascertain the product's specific suitability for the purpose intended. The buyer is solely responsible for confirming the suitability of the product for a particular application, its utilization and processing and must observe any applicable laws and government regulations.

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