



RE-PROCESSED COPOLYMER POLYPROPYLENE - BLACK

Description:

This grade of material is recommended for injection moulding and combines a high level of stiffness with good impact strength. It has excellent flow properties which allows for fast cycle-times and is suitable for moulding items which demand low warpage and high dimensional stability.

The material described above and mentioned herein is in particular not compliance tested to the standards stated and therefore not validated for use in pharmaceutical/medical applications / critical to safety applications or food contact applications.

Properties Unit (Si) Values Test methods	Unit (Si)	Values	Test methods
Polymer properties			
Melt flow rate (MFR) at 230 °C and 2.16 kg	dg/min	12 - 15	ISO 1133
Density	kg/m ³	905 - 955	ISO 1133
Formulation			
Anti static agent	-	No	-
Nucleating agent	-	No	-
Mechanical properties			
Tensile test stress at yield 1) tensile modulus 2)	MPa MPa	25 1300 - 1400	ISO 527-2 1A
Izod impact notched at 23 °C at 0 °C at -20 °C	kJ/m ² kJ/m ² kJ/m ²	11 7 5	ISO 180/1A
Charpy impact notched at 23 °C at 0 °C at -20 °C	kJ/m ² kJ/m ² kJ/m ²	13 9 6	ISO 179/1eA
Thermal properties			
Heat deflection temperature 3) at 0.45 MPa (HDT/B)	°C	80	ISO 75
Vicat softening temperature 4) at 50 N (VST/B)	°C	74	ISO 306

Storage and handling:

Avoid storing the material for a prolonged time in open sunlight, high temperatures (<50 °C) and /or high humidity as this could degrade the material and consequently cause a loss of quality of the material and /or its packaging. Keep material completely dry for good processing.

Disclaimer:

The information contained in this document includes typical properties of our material or their typical performances when used in certain applications. Actual properties of our products, in particular when used in conjunction with any third-party material(s) may differ from typical properties.

It is the customer's responsibility to inspect and test our product(s) in order to satisfy itself as to the suitability of the product(s) for its and its customers particular purposes. The customer is responsible for the appropriate, safe and legal use, processing and handling of all product(s) purchased from us. Nothing herein is intended to be nor shall it constitute a warranty whatsoever, in particular, warranty of merchantability or fitness for a particular purpose.