



SABIC® PP 575P

PP homopolymer for Injection moulding

Description:

This grade combines a high stiffness with moderate impact strength. It is suitable for production of complex articles with long flow paths and thin walls. Typical applications are closures and garden furniture.

Health, Safety and Food Contact regulations:

Material Safety Data Sheets (MSDS) and Product Safety declarations are available on our Internet site <http://www.SABIC-europe.com>

Typical values

Revision 20060227

Properties	Unit (Si)	Values	Test methods
Polymer properties			
Melt flow rate (MFR) at 230 °C and 2.16 kg at 230 °C and 5 kg	g/10 min g/10 min	10.5 38	ISO 1133
Density	kg/m ³	905	ISO 1183
Mechanical properties			
Tensile test stress at yield stress at break strain at break	MPa MPa %	43 34 600	ISO 527
Flexural test Flexural modulus	MPa	1800	ASTM D 790
Izod impact notched at 23 °C	kJ/m ²	2.0	ISO 180/4A
Charpy impact notched at 23 °C	kJ/m ²	1.5	ISO 179
Hardness Shore D	-	72	ISO 868
Thermal properties			
Heat deflection temperature at 1.80 MPa (HDT/A) at 0.45 MPa (HDT/B)	°C °C	54 98	ISO 75/A ISO 75/B
Vicat softening temperature at 10 N (VST/A) at 50 N (VST/B)	°C °C	152 90	ISO 306/A ISO 306/B

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