

SIBUR

Technical Data Sheet PP I120 GP/5 Polypropylene Impact copolymer

PRODUCT DESCRIPTION

PP I120 GP/5 is a medium melt flow rate copolymer with a standard molecular weight distribution used for Injection Molding applications. The product has an optimal stabilization package and an advantageous combination of good stiffness and impact strength.

TYPICAL APPLICATIONS

PP I120 GP/5 is specially recommended for Injection Molding applications with an optimum stiffness/impact balance such as the production of household goods, car spare parts, packaging, tableware, toys, sport equipment, caps and closures.

Properties	Conditions	Method	Typical values*	Units
Rheology				
Melt Flow Rate	230 °C/2.16 kg	ASTM D1238	12	g/10 min
Mechanical				
Tensile Stress at Yield	50 mm/min	ASTM D638	25	MPa
Elongation at Yield	50 mm/min	ASTM D638	7	%
Flexural Modulus	1.27 mm/min	ASTM D790	1100	MPa
Notched Izod Impact Strength	23 °C	ASTM D256	120	J/m
	-20 °C	ASTM D256	60	J/m

*The values given are typical values measured on the product. These values should not be considered as specification.

REACH Statement

Polymers are exempt of REACH registration. However, their raw materials which mean monomers and relevant additives have been registered.

PJSC «Sibur Holding» (and its subsidiaries) is committed to fully respect REACH legislation and to use only REACH compliant raw materials.

Safety