

SIBUR

Technical Data Sheet PP I302 IM/5 Polypropylene Impact copolymer

PRODUCT DESCRIPTION

PP I302 IM/5 is a high melt flow rate impact copolymer used for Injection Molding applications. The product is formulated with an optimal composition of the stabilization, nucleating and antistatic additive providing a beneficial balance of physical and mechanical properties and good processability.

TYPICAL APPLICATIONS

PP I302 IM/5 is specially recommended for Compounding and Injection Molding applications. It is used in the production of packaging, tableware, car spare parts.

Properties	Conditions	Method	Typical values*	Units
Rheology				
Melt Flow Rate	230 °C/2.16 kg	ASTM D1238	30	g/10 min
Mechanical				
Tensile Stress at Yield	50 mm/min	ASTM D638	25	MPa
Elongation at Yield	50 mm/min	ASTM D638	5	%
Flexural Modulus	1.27 mm/min	ASTM D790	1250	MPa
Notched Izod Impact Strength	23 °C	ASTM D256	90	J/m
	- 20 °C	ASTM D256	55	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

See MSDS

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