

# 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
<b>Rheology</b>				
Melt Flow Rate	230 °C/2.16 kg	ASTM D1238	30	g/10 min
<b>Mechanical</b>				
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