

# SIBUR

## Technical Data Sheet PP I122 IM/3 Polypropylene Impact copolymer

### PRODUCT DESCRIPTION

PP I122 IM/3 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 I122 IM/3 is specially recommended for Injection Molding applications with an optimum stiffness/impact balance such as the production of household goods, toys, sport equipment, caps and closures.

Properties	Conditions	Method	Typical values*	Units
<b>Rheology</b>				
Melt Flow Rate	230 °C/2.16 kg	ISO 1133-1	12	g/10 min
<b>Mechanical</b>				
Tensile Stress at Yield	50 mm/min	ISO 527-1	28	MPa
Elongation at Yield	50 mm/min	ISO 527-1	5	%
Flexural Modulus		ISO 178	1350	MPa
<b>Impact</b>				
Charpy Notched Impact Strength	23 °C	ISO 179	7	kJ/m <sup>2</sup>
	-20 °C	ISO 179	4	kJ/m <sup>2</sup>

\*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