

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
Rheology				
Melt Flow Rate	230 °C/2.16 kg	ISO 1133-1	12	g/10 min
Mechanical				
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
Impact				
Charpy Notched Impact Strength	23 °C	ISO 179	7	kJ/m ²
	-20 °C	ISO 179	4	kJ/m ²

*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