

# SIBUR

## Technical Data Sheet PP H122 IM/2 Polypropylene

### PRODUCT DESCRIPTION

PP H122 IM/2 is a polypropylene homopolymer with standard molecular weight distribution. The product is characterized by high melt flow rate, a special stabilization package with nucleating agent for Injection Molding applications. It provides improved physical and mechanical properties.

### TYPICAL APPLICATIONS

PP H122 IM/2 is specially recommended for Injection Molding process and for high-rigidity applications. It complies with EU Food Contact Regulations.

Physical Properties	Method	Typical values*
<b>Rheology</b> Melt Flow Rate (230 °C/2.16 kg)	GOST 11645 (similar to ISO 1133)	12 g/10 min
<b>Mechanical</b> Tensile Stress at Yield (50 mm/min)	GOST 11262 (similar to ISO 527-2)	34 MPa
Elongation at Yield (50 mm/min)	GOST 11262 (similar to ISO 527-2)	10 %
Flexural modulus (50 mm/min)	GOST 9550 (similar to ISO 178)	1500 MPa
Notched Izod impact strength (23 °C)	GOST 19109 (similar to ISO 180)	2.0 kJ/m <sup>2</sup>
<b>Thermal</b> Vicat Softening Temperature (10 N)	GOST 15088 (similar to ISO 306)	155 °C
Heat deflection temperature (1.8 MPa)	GOST 12021 (similar to ISO 75)	60 °C

\*Typical values; not for 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