

PRODUCT DESCRIPTION

PP H030 GP/2 is a polypropylene homopolymer with standard molecular weight distribution. The product is characterized by medium melt flow rate, an optimal stabilization package and balanced physical and mechanical properties.

TYPICAL APPLICATIONS

PP H030 GP/2 is a general purpose grade, it is recommended for Injection Moulding, Extrusion and Thermoforming applications. It complies with EU Food Contact Regulations.

Physical Properties	Method	Typical values*
Rheology		
Melt Flow Rate (230 °C/2.16 kg)	ISO 1133	3.0 g/10 min
Mechanical		
Tensile Stress at yield (50 mm/min)	ISO 527	33 MPa
Elongation at yield (50 mm/min)	ISO 527	10 %
Tensile Stress at break (50 mm/min)	ISO 527	18 MPa
Flexural modulus (50 mm/min)	ISO 178	1300 MPa
Notched Izod impact strength (23 °C)	ISO 180	3.3 kJ/m ²
Rockwell hardness	ISO 2039-2	104
Thermal		
Vicat softening temperature (10 N)	ISO 306	160 °C
Melting temperature	ISO 3146	164 °C
Crystallization temperature	ISO 11357-3	115 °C
Heat deflection temperature (0.45 MPa)	ISO 75-2	99 °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

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