

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)	ASTM D1238	3.0 g/10 min
Mechanical		
Tensile stress at yield (50 mm/min)	ASTM D638	35 MPa
Elongation at yield (50 mm/min)	ASTM D638	10 %
Flexural modulus (50 mm/min)	ASTM D790	1400 MPa
Notched Izod impact strength (23 °C)	ASTM D256	43 J/m
Thermal		
Vicat softening temperature (10 N)	ASTM D1525	162 °C
Heat deflection temperature (0.45 MPa)	ASTM D648	106 °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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