

PRODUCT DESCRIPTION

PP H030 GP/3 is a polypropylene homopolymer for general purposes. The product is characterized by standard molecular weight distribution, medium melt flow rate, the optimal composition of stability, balanced physical and mechanical properties.

TYPICAL APPLICATIONS

PP H030 GP/3 is used for producing woven bags, tapes (raffia) and proper for injection moulding, extrusion and thermoforming methods.

Physical Property	Test Method	Typical values*
Melt Flow Rate, g/10min. (230°C/2.16 kg)	ASTM D 1238	3.0
Density, g/cm ³	ASTM D 1505	0.90
Mechanical Property		
Tensile strength at yield, MPa (50 mm/min)	ASTM D 638	36.3
Elongation at yield, % (50 mm/min)	ASTM D 638	10
Elongation at break, % (50 mm/min)	ASTM D 638	>200
Flexural modulus, MPa (5 mm/min)	ASTM D 790	1300
Rockwell hardness, R-scale	ASTM D 785	95
Izod impact strength, J/m (Notched, 23°C)	ASTM D 256	26
Thermal Property		
Vicat softening point, °C	ASTM D 1525	155

*Typical values; not for specification

REACH Statement

Polymers are exempted from registration under REACH. However, the corresponding monomers (used as raw materials for polymer production) and relevant additives have been registered.

Sibur Holding JSC (and its subsidiaries) is committed to fully respect REACH legislation and to use only REACH compliant raw materials.

Safety

See MSDS.

Technical support

For any additional information regarding product's characteristics and quality please contact our technical support division using contacts below.

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