

### PRODUCT DESCRIPTION

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**PP H040 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

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**PP H040 GP/3** is used for producing woven bags, tapes (raffia) under high speed production and strapping by injection moulding, extrusion methods.

Physical Property	Test Method	Typical values*
Melt Flow Rate, g/10min. (230°C/2.16 kg)	ASTM D 1238	4.0
Density, g/cm <sup>3</sup>	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 D1525	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.

## Contact

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