

Technical Data Sheet  
**PP H040 GP/3**  
Polypropylene



## PRODUCT DESCRIPTION

PP H040 GP/3 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 H040 GP/3 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*
<b>Rheology</b>		
Melt Flow Rate (230 °C/2.16 kg)	GOST 11645 (similar to ISO 1133)	4.0 g/10 min
<b>Mechanical</b>		
Tensile Stress at Yield (50 mm/min)	GOST 11262 (similar to ISO 527-2)	32 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)	1200 MPa
Notched Izod impact strength (23 °C)	GOST 19109 (similar to ISO 180)	2.5 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.