

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*
Rheology Melt Flow Rate (230 °C/2.16 kg)	GOST 11645 (similar to ISO 1133)	4.0 g/10 min
Mechanical 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 ²
Thermal 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.