

Polypropylene homopolymer (PP)

PP H030 GP

Omsk Polypropylene Plant Company "Poliom", Russian Federation

PROPERTIES

Description	PP H030 GP is a bimodal propylene homopolymer with standard stabilizers providing heat stability, resistance to corrosion, resistance to thermo-oxidative degradation.		
Applications	PP H030 GP is designated for extrusion of sheets and profiles, production of yarn, injection molding of products of various application and production of mixtures for various application.		
Melt Flow Rate (230 °C/2.16 kg)	g/10 min	2.5-3.5	GOST 11645 / ISO 1133
Tensile Stress at Yield (50 mm/min)	MPa	34	GOST 11262 / ISO 527
Elongation at Yield (50 mm/min)	%	10	GOST 11262 / ISO 527
Flex modulus (2 mm/min)	MPa	1400	GOST 9550
Notched Izod impact strength (23 °C)	kJ/m ²	5.0	GOST 19109 / ISO 180
Vicat Softening Temperature (10 N)	°C	155	GOST 15088 / ISO 306
Heat deflection temperature (0.45 MPa)	°C	110	GOST 12021 / ISO 75

These are typical properties: not to be construed as specification.