

Product technical information
PP H030 GP
Propylene homopolymer

• DESCRIPTION

PP H030 GP is a bimodal propylene homopolymer with standard stabilizers providing heat stability, resistance to corrosion, resistance to thermo-oxidative degradation.

• APPLICATION

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.

PROPERTIES	TEST CONDITIONS	TEST STANDARD	TYPICAL VALUE *
Physical			
Melt Flow Index, g/10 min	(230 °C/2.16 kg)	ISO 1133 or GOST 11645	2.5-3.5
Mechanical			
Tensile Yield Strength, MPa	(50 mm/min)	ISO 527 or GOST 11262	34
Elongation at Yield, %	(50 mm/min)	ISO 527 or GOST 11262	10
Flexural Modulus, MPa	(2 mm/min)	GOST 9550	1400
Isod Impact Strength, Notched, kJ/m ²	(+23 °C)	ISO 180 or GOST 19109	5.0
Thermophysical			
Vicat Softening Point, °C	(10 N)	ISO 306 or GOST 15088	155
Heat Deflection Temperature, °C	(0.45 MPa)	ISO 75 or GOST 12021	110

*Typical value; not for the specification.

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