

• DESCRIPTION

PP H007 EX is a monomodal propylene homopolymer with stabilizers providing higher long term heat stability, resistance to corrosion, resistance to thermo-oxidative degradation and better antistatic performance.

• APPLICATION

PP H007 EX is designated for production of sewer pipes and other elements of sewer and drainage systems for low and high temperature service as well as shaped goods.

PROPERTIES	TEST CONDITIONS	TEST STANDARD	TYPICAL VALUE *
Physical			
Melt Flow Index, g/10 min	(230 °C/2.16kg)	ISO 1133 or GOST 11645	0.5-0.9
Mechanical			
Tensile Yield Strength, MPa	(50 mm/min)	ISO 527 or GOST 11262	33
Elongation at Yield, %	(50 mm/min)	ISO 527 or GOST 11262	10
Flexural Modulus, MPa	(2 mm/min)	GOST 9550	1300
Isod Impact Strength, Notched, kJ/m ²	(+23 °C)	ISO 180 or GOST 19109	13.0
Thermophysical			
Vicat Softening Point, °C	(10 N)	ISO 306 or GOST 15088	154
Heat Deflection Temperature, °C	(0.45 MPa)	ISO 75 or GOST 12021	103

*Typical value; not for the specification.

Drawn: March 2013

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