

• DESCRIPTION

PP H031 BF is a bimodal propylene homopolymer with stabilizers providing heat stability, resistance to thermo-oxidative degradation, resistance to corrosion and absence of metallic stearates.

• APPLICATION

PP H031 BF is designated for production biaxially oriented metallized film.

PROPERTIES	TEST CONDITIONS	TEST STANDARD	TYPICAL VALUE *
Physical			
Melt Flow Index, g/10 min	(230 °C/2.16 kg)	ISO 1133 or GOST 11645	2.8-3.3
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	11
Flexural Modulus, MPa	(2 mm/min)	GOST 9550	1400
Isod Impact Strength, Notched, kJ/m ²	(+23 °C)	ISO 180 or GOST 19109	6.5
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	105

*Typical value; not for the specification.

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