



Polypropylene

Extrusion Thermoforming

[EA 5T](#)
[EA 5S](#)
[EH 7](#)
[EH 71](#)

Film Tapes Monofilament

[Textile Fibers](#)
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EH 7



Product Grade	EH 7
Applications	Pipes for long-term usage at normal and higher temperature applications, such as drinking water and drain pipes Related fittings Rods, profiles Mono- and multilayer sheets
Product Description	HIPOLEN P EH 7 is very low flow homopolymer with excellent resistance to organic solvents and very low moisture absorption rate. Grade EH 7 is designed for extrusion processes which demand high melt strength and enhanced processing stability. Advantages of end use products are high heat-ageing stability, good extraction stability and high chemical and corrosion resistance. Pipes and fittings made from EH 7 are intended for transfer of hot liquids or gases at normal and medium pressures.

Product Properties	Testing Method	Nominal Value	Unit
Melt Flow Rate MFR	ISO 1133, (230°C; 2,16 kg)	0,7	g/10 min
Density	ISO 1183 (D)	0,90	g/cm ³
Tensile Strength at Yield	ISO 527	34	MPa
Flexural Modulus	ISO 178	1300	MPa
IZOD Impact Resistance	ISO 180 (23°C, notched)	5,5	KJ/m ²
Accelerated Oven Ageing	Internal, 150°C, air circuit	1000	hours

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