

Polypropylene

Extrusion Thermoforming

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

Film Tapes Monofilament

[Textile Fibers](#)
[Injection Molding](#)
[BOPP film](#)

EH 71



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|---------------------|--|
| Product Grade | EH 71 |
| Applications | Pipes for long-term usage at normal and higher temperature applications, such as drinking water and drain pipes Related fittings for pipes installation Rods, profiles Mono- and multilayer sheets |
| Product Description | HIPOLEN P EH 71 is low flow homopolymer with excellent resistance to organic solvents and very low moisture absorption rate. Grade EH 71 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 71 are intended for transfer of hot liquids or gases at normal pressures. |

| Product Properties | Testing Method | Nominal Value | Unit |
|---------------------------|------------------------------|---------------|-------------------|
| Melt Flow Rate MFR | ISO 1133, (230°C; 2,16 kg) | 1,1 | g/10 min |
| Density | ISO 1183 (D) | 0,90 | g/cm ³ |
| Tensile Strength at Yield | ISO 527 | 34 | MPa |
| Flexural Modulus | ISO 178 | 1350 | 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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