

Technical Data Sheet

Hostalen ACP 7740 F1

High Density Polyethylene



Product Description

Hostalen ACP 7740 F1 is a high density polyethylene having medium molar mass and a narrow molar mass distribution for production of tapes. This grade contains a lubricant.

Hostalen ACP 7740 F1 is appreciated by customers for converting on all tape-stretching lines to produce products with good tensile strength, high elongation at break and very low tendency to fibrillation.

Typical customer applications: tubular nets, packaging of agricultural products, protective netting in agriculture and building industry.

This product is not intended for use in medical and pharmaceutical applications.

Status	Commercial: Active
Availability	Europe
Application	Nets; Raffia/Tapes/Strapping
Market	Textile
Processing Method	Blown Film
Attribute	Copolymer; Narrow Molecular Weight Distribution

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate			
(190 °C/5.0 kg)	1.8	g/10 min	ISO 1133-1
(190 °C/21.6 kg)	18	g/10 min	ISO 1133-1
Density	0.948	g/cm ³	ISO 1183-1
Mechanical			
Tensile Modulus	1000	MPa	ISO 527-1, -2
Tensile Stress at Yield	24	MPa	ISO 527-1, -2
Thermal			
Vicat Softening Temperature, (B50)	75	°C	ISO 306
Peak Melting Point	130	°C	ISO 11357-3
Processing Parameters			
Extrusion Temperature	180-230	°C	

Notes

These are typical property values not to be construed as specification limits.

