

Technical Data Sheet

Hostalen GF 7740 F2



High Density Polyethylene

Product Description

Hostalen GF 7740 F2 is a high density polyethylene having medium molar mass and a narrow molar mass distribution for production of tapes.

Hostalen GF 7740 F2 is appreciated by customers for converting on all tape stretching and film stretching lines to produce products with high tensile strength, high elongation at break and low tendency to fibrillation.

Typical customer applications: protective netting in agriculture and building industry, slit film & tapes, round bale nets.

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

Status	Commercial: Active
Availability	Europe
Application	Geotextile & Agriculture; Nets; Raffia/Tapes/Strapping
Market	Textile
Processing Method	Blown Film; Cast Film
Attribute	Antioxidant; 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)	23	g/10 min	ISO 1133-1
Density	0.946	g/cm ³	ISO 1183-1
Mechanical			
Tensile Modulus	950	MPa	ISO 527-1, -2
Tensile Stress at Yield	23	MPa	ISO 527-1, -2
Thermal			
Vicat Softening Temperature, (B50)	74	°C	ISO 306
Peak Melting Point	129	°C	ISO 11357-3
Processing Parameters			
Extrusion Temperature	180-230	°C	

Notes

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

