

Technical Data Sheet

Hostalen GC 7260 F2

High Density Polyethylene



Product Description

Hostalen GC 7260 F2 is a high density polyethylene resin used in extrusion coating and as blending partner in label film. Hostalen GC 7260 F2 demonstrates good flowability and a very low gel level.

Hostalen GC 7260 F2 is not intended for use in medical and pharmaceutical applications.

Status	Commercial: Active
Availability	Africa-Middle East; Asia-Pacific; Europe
Application	Coatings, Protective
Market	Flexible Packaging
Processing Method	Cast Film; Extrusion Coating
Attribute	Antioxidant; Good Flow; Good Processability; High Density; High Rigidity

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate			
(190 °C/2.16 kg)	8.0	g/10 min	ISO 1133-1
(190 °C/5.0 kg)	23	g/10 min	ISO 1133-1
Density	0.960	g/cm ³	ISO 1183-1
Mechanical			
Tensile Modulus	1450	MPa	ISO 527-1, -2
Tensile Stress at Yield	30	MPa	ISO 527-1, -2
Tensile Strain at Yield	7	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C, Type 1, Edgewise, Notch A)	4.0	kJ/m ²	ISO 179
(-30 °C, Type 1, Edgewise, Notch A)	4.5	kJ/m ²	ISO 179
Hardness			
Shore Hardness, (Shore D)	61		ISO 868
Ball Indentation Hardness, (H 132/30)	58	MPa	ISO 2039-1
Thermal			
Vicat Softening Temperature, (B50)	74	°C	ISO 306

Notes

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

