Technical Data Sheet

Hostalen GC 7260 POWDER

High Density Polyethylene

Product Description

Hostalen GC 7260 POWDER is a high density polyethylene.
It is delivered in powder form with no stabilization or additives. Typical customer applications includes compounding and other modifications.
Hostalen GC 7260 POWDER is not intended for use in medical and pharmaceutical applications.

Status	Commercial: Active
Availability	Africa-Middle East; Asia-Pacific; Australia and New Zealand; Europe; South & Central America
Application	Masterbatch
Processing Method	Compounding
Attribute	Good Flow; Good Processability; High Density; High Rigidity; Low Warpage

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/cm³	ISO 1183-1
Mechanical			
Tensile Modulus	1400	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/m²	ISO 179
(-30 °C, Type 1, Edgewise, Notch A)	4.5	kJ/m²	ISO 179
Processing Parameters			
Melt Temperature	180 - 200	°C	

As product does not contain antioxidants it should be processed at lowest possible temperature and by using inert gas in the hopper in order to reduce contact with oxygen which might lead to degradation.

Manufacturer website: https://www.lyondellbasell.com/en/