Hostalen GC 7258

High Density Polyethylene

LyondellBasell Industries

Message:

Hostalen GC 7258 is a high density polyethylene (HDPE) resin used in injection molding applications such as cartridges, boxes and crates, and a variety of housewares. Hostalen GC 7258 combines a high ESCR with good flowability and rigidity. It also demonstrates good impact resistance and low warpage. Hostalen GC 7258 is not intended for use in medical and pharmaceutical applications.

General Information			
Additive	Antioxidant		
Features	Antioxidant Good Flow Good Impact Resistance Good Processability High ESCR (Stress Crack Resist.) High Rigidity Low Warpage		
Uses	Crates Household Goods Industrial Applications Profiles Reinforced Panels Sporting Goods Toys		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	0.958	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR)			ISO 1133
190°C/2.16 kg	8.0	g/10 min	
190°C/5.0 kg	22	g/10 min	
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	1400	MPa	ISO 527-2
Tensile Stress (Yield)	28.0	MPa	ISO 527-2
Tensile Strain (Yield)	7.0	%	ISO 527-2
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	4.5	kJ/m²	
23°C	4.0	kJ/m²	
Thermal	**Nominal Value**	**Unit**	**Test Method**

Vicat Softening Temperature	72.0	°C	ISO 306/B50

Injection	Nominal Value	Unit
Processing (Melt) Temp	180 to 250	°C

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

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