# Hostalen GC 7258

### High Density Polyethylene LyondellBasell Industries

#### Message:

Additive

General Information

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.

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	

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#### Recommended distributors for this material

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