

# Hostalen GM 9350 C black

High Density Polyethylene  
LyondellBasell Industries

Message:

Hostalen GM 9350 C black is a compounded high molecular weight high density polyethylene (HDPE). Typical customer applications include fuel tank filler pipes requiring electrical conductivity. It is supplied in pellets and is stabilized with antioxidants for the extrusion process. The product features a very good Enviromental Stress Cracking Resistance (ESCR) and a good chemical resistance. Typical processes include blow molding and injection molding. Hostalen GM 9350 C black is not intended for use in medical and pharmaceutical applications. The product can not be used for food contact applications.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Electrically Conductive		
	Good Chemical Resistance		
	High ESCR (Stress Crack Resist.)		
	High Molecular Weight		
Uses	Fuel Tanks		
Appearance	Black		
Forms	Pellets		
Processing Method	Blow Molding		
	Extrusion Blow Molding		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.995	g/cm <sup>3</sup>	ISO 1183
Apparent Density	0.55	g/cm <sup>3</sup>	ISO 60
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	3.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1200	MPa	ISO 527-2
Tensile Stress (Yield)	28.0	MPa	ISO 527-2/1
Tensile Strain (Yield)	7.0	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Tensile Impact Strength (-30°C)	45.0	kJ/m <sup>2</sup>	ISO 8256/1B
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+4	ohms	IEC 60093
Volume Resistivity	1.0E+5	ohms · cm	IEC 60093
Additional Information	Nominal Value	Unit	
Blow Molding Temperature	180 to 230	°C	
Injection	Nominal Value	Unit	

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#### Recommended distributors for this material

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