

Hoegolup® AIM blue 5117

High Density Polyethylene

HP-T Höglmeier Polymer-Tech GmbH & Co. KG

Message:

Product features:

High density (HDPE) polyethylene compound

Granulate cylindrical

Antioxidant, high impact

Applications:

Injection mold of technical parts

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	High Density		
	High Impact Resistance		
Appearance	Blue		
Forms	Granules		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	0.945	g/cm ³	DIN 53479
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	15	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (190°C/21.6 kg)	19.0	cm ³ /10min	ISO 1133
Ash Content	< 0.10	%	DIN EN 60
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	62		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	818	MPa	ISO 527-2
Tensile Stress			ISO 527-2
Break	15.0	MPa	
--	21.0	MPa	
Tensile Strain (Break)	> 100	%	ISO 527-2
Thermal	Nominal Value	Unit	Test Method
Peak Crystallization Temperature (DSC)	130	°C	ISO 3146
Injection	Nominal Value	Unit	
Processing (Melt) Temp	250 to 280	°C	
Mold Temperature	30.0 to 60.0	°C	

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