

Hoegerin® 511

Acetal (POM) Copolymer

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

Message:

Product features:

Polyacetal-Compound (POM)

Granulate cylindrical

Applications:

Injection mold of technical parts

General Information			
Features	Copolymer		
Forms	Granules		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.42	g/cm ³	DIN 53479
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	14	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (190°C/21.6 kg)	12.5	cm ³ /10min	ISO 1133
Ash Content	< 0.10	%	DIN EN 60
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	81		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3250	MPa	ISO 527-2
Tensile Stress			ISO 527-2
Break	67.0	MPa	
--	71.0	MPa	
Tensile Strain (Break)	17	%	ISO 527-2
Thermal	Nominal Value	Unit	Test Method
Peak Crystallization Temperature (DSC)	175	°C	ISO 3146
Injection	Nominal Value	Unit	
Processing (Melt) Temp	210 to 220	°C	
Mold Temperature	80.0 to 100	°C	

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