

LOTTE CHEMICAL

Mar.2017

POPELEN HCA-352D

General Information

characteristics

- ◆ High Stiffness, Heat Resistance, Low Mold Shrinkage

Application

- ◆ Automotive Parts

Physical Properties¹

Physical	Test Method	Nominal Values			
Melt Flow Index (230°C)	ASTM D 1238	5.5	g/10min		
Density	ASTM D 792	1.20	g/cm³		
Mechanical					
Yield Strength	ASTM D 638	225	kgf/cm²	22	MPa
Elongation	ASTM D 638	50	%		
Flexural Modulus	ASTM D 790	340	kgf/cm²	34	MPa
Flexural Strength	ASTM D 790	23,800	kgf/cm²	2,428	MPa
Impact					
IZOD Impact Strength (23°C)	ASTM D 256	9.6	kgf·cm/cm	94	J/m
IZOD Impact Strength (23°C)	ASTM D 256	3.7	kgf·cm/cm	36	J/m
Thermal					
Heat Distortion Temp.(4.6kgf/cm²)	ASTM D 648	131	°C		

NOTE

ISO 9001, 14001, /TS 16949

¹ Physical Properties : these are not to be construed as specifications

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