

LOTTE CHEMICAL

Mar.2017

POPELEN HCA-371J

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	28.4	g/10min		
Density	ASTM D 792	0.96	g/cm ³		
Mechanical					
Yield Strength	ASTM D 638	276	kgf/cm ²	27	MPa
Elongation	ASTM D 638	85	%		
Flexural Modulus	ASTM D 790	364	kgf/cm ²	35	MPa
Flexural Strength	ASTM D 790	20,111	kgf/cm ²	1,972	MPa
Impact					
IZOD Impact Strength (23°C)	ASTM D 256	17.6	kgf·cm/cm	172.5	J/m
IZOD Impact Strength (23°C)	ASTM D 256	4.1	kgf·cm/cm	40.2	J/m
Thermal					
Heat Distortion Temp.(4.6kgf/cm ²)	ASTM D 648	128.1	°C		

NOTE

ISO 9001, 14001, /TS 16949

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