

LOTTE CHEMICAL

Nov.2016

POPELEN **JI-350N**

General Information

● Characteristics

- ◆ High Stiffness

● Applications

- ◆ Automotive Parts, Home Electric, Industrial Appliance, etc.

Physical Properties¹

Physical	Test Method	Nominal Values			
Melt Flow Index (230°C, 2.16kg)	ASTM D 1238	11	g/10min		
Density	ASTM D 1505	0.9	g/cm³		
Mechanical					
Tensile Strength	ASTM D 638	285	kgf/cm²	28	MPa
Elongation	ASTM D 638	100 ↑	%		
Flexural Strength	ASTM D 790	357	kgf/cm²	35	MPa
Flexural Modulus	ASTM D 790	17340	kgf/cm²	1700	MPa
Impact					
Notched IZOD impact Strength (23°C)	ASTM D 256	10.2	kgf·cm/cm	100	J/m
Thermal					
Heat Distortion Temperature (HDT, 0.455MPa)	ASTM D 648	125	°C		
Additional					
Rockwell Hardness	ASTM D 785	90	R		

NOTE

ISO 9001, 14001, /TS 16949

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

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