

POPELEN G-153B

PP

Lotte Chemical Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	5	g/10min	ASTM D 1238
Temperature	230	°C	-
Mold Shrinkage, MD	0.004	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.007	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	93	MPa	ASTM D 638
Flexural Modulus	5900	MPa	ASTM D 790
Flexural Strength	108	MPa	ASTM D 790
Rockwell Hardness	R 95	-	ASTM D 785
Izod Impact notched, 1/8 in	118	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	160	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1120	kg/m ³	ASTM D 792

Characteristics**Special Characteristics**

Heat stabilized or stable to heat

Regional Availability

North America, Europe, Asia Pacific

Applications

Automotive, Electrical and Electronical