

FORMPOLY N66GF15FR

PA66-GF15

Formulated Polymers Limited

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.004	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength	100	MPa	ASTM D 638
Elongation at Break	3	%	ASTM D 638
Flexural Modulus	4500	MPa	ASTM D 790
Flexural Strength	145	MPa	ASTM D 790
Izod Impact notched, 1/8 in	68.7	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
DTUL @ 66 psi	200	°C	ASTM D 648
DTUL @ 264 psi	170	°C	ASTM D 648
Electrical properties			
ASTM Data			
Surface Resistivity	1E14	Ohm	ASTM D 257
Volume Resistivity	1E15	Ohm*cm	ASTM D 257
Other properties			
Density	1380	kg/m ³	ASTM D 792

Characteristics**Delivery form**

Pellets

Special Characteristics

Flame retardant, Heat stabilized or stable to heat

Features

Low Odor, Low Warpage

Chemical Resistance

Environmental Stress Crack Resistance

Applications

Electrical and Electronical

Regional Availability

Asia Pacific