

FORMPOLY N6GF40

PA6-GF40

Formulated Polymers Limited

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.002	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength	185	MPa	ASTM D 638
Elongation at Break	3	%	ASTM D 638
Flexural Modulus	9000	MPa	ASTM D 790
Flexural Strength	275	MPa	ASTM D 790
Izod Impact notched, 1/8 in	98.1	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 66 psi	220	°C	ASTM D 648
DTUL @ 264 psi	220	°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	1480	kg/m ³	ASTM D 792

Characteristics**Delivery form**

Pellets

Features

Low Odor

Additives

Lubricants

Regional Availability

Asia Pacific

Special Characteristics

Heat stabilized or stable to heat