

FORMPOLY N6GP35

PA6

Formulated Polymers Limited

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.017	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength	85	MPa	ASTM D 638
Elongation at Break	30	%	ASTM D 638
Flexural Modulus	3000	MPa	ASTM D 790
Flexural Strength	115	MPa	ASTM D 790
Izod Impact notched, 1/8 in	54	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 66 psi	140	°C	ASTM D 648
DTUL @ 264 psi	70	°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	1140	kg/m ³	ASTM D 792

Characteristics**Delivery form**

Pellets

Additives

Lubricants

Special Characteristics

U.V. stabilized or stable to weather, Heat stabilized or stable to heat

Features

Low Odor

Chemical Resistance

General Chemical Resistance

Applications

Electrical and Electronical

Regional Availability

Asia Pacific