

**FORMPOLY N6GP28FR**

PA6

Formulated Polymers Limited

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	0.009	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength	80	MPa	ASTM D 638
Elongation at Break	6	%	ASTM D 638
Flexural Modulus	3000	MPa	ASTM D 790
Flexural Strength	130	MPa	ASTM D 790
Izod Impact notched, 1/8 in	39.2	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.6	mm	-
DTUL @ 66 psi	135	°C	ASTM D 648
DTUL @ 264 psi	65	°C	ASTM D 648

Electrical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Surface Resistivity	1E14	Ohm	ASTM D 257
Volume Resistivity	1E15	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1280	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Delivery form**

Pellets

**Special Characteristics**

Flame retardant

**Features**

Low Odor

**Chemical Resistance**

Environmental Stress Crack Resistance

**Applications**

Electrical and Electronical

**Regional Availability**

Asia Pacific