

FORMPOLY N46GF30 FR

PA46-GF30

Formulated Polymers Limited

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	12500	MPa	ASTM D 638
Tensile Strength	180	MPa	ASTM D 638
Elongation at Break	2.5	%	ASTM D 638
Flexural Modulus	11500	MPa	ASTM D 790
Izod Impact notched, 1/8 in	88.3	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
DTUL @ 264 psi	290	°C	ASTM D 648

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Volume Resistivity	1E14	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1680	kg/m ³	ASTM D 792

Characteristics**Delivery form**

Pellets

Chemical Resistance

General Chemical Resistance

Special Characteristics

Heat stabilized or stable to heat

Applications

Automotive, Electrical and Electronical, Encapsulation

Features

Fatigue Resistance, Low Odor

Regional Availability

Asia Pacific