

FORMPOLY PPOGF30FR

PPO-GF30

Formulated Polymers Limited

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.002	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	100	MPa	ASTM D 638
Elongation at Break	3	%	ASTM D 638
Flexural Modulus	9000	MPa	ASTM D 790
Flexural Strength	155	MPa	ASTM D 790
Izod Impact notched, 1/8 in	78.5	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
DTUL @ 264 psi	135	°C	ASTM D 648
Vicat Temperature	145	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Water Absorption, Equilibrium	0.18	%	ASTM D 570
Density	1290	kg/m ³	ASTM D 792

Characteristics**Delivery form**

Pellets

Special Characteristics

Flame retardant

Features

Low Odor, Low Warpage

Applications

Electrical and Electronical

Regional Availability

Asia Pacific