

TRISTAR® PC-30GFR

PC-GF30

Amco Polymers

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	128	MPa	ASTM D 638
Elongation at Break	3	%	ASTM D 638
Flexural Modulus	7584	MPa	ASTM D 790
Rockwell Hardness	R 120	-	ASTM D 785
Izod Impact notched, 1/8 in	107	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	3.05	mm	-
DTUL @ 264 psi	143	°C	ASTM D 648

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Arc Resistance	90	s	ASTM D 495
Other Standards^[5]			
Comparative tracking index	137	-	UL 746A

S: These properties are reported by the producer according standards that are different to our defaults.

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.12	%	ASTM D 570
Density	1430	kg/m ³	ASTM D 792

Characteristics**Delivery form**

Pellets

Certifications

RoHS compliant

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa