

ColorFast® FRPCT3000UV

(PC+Polyester)

Americhem Engineered Compounds

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	25	g/10min	ASTM D 1238
Temperature	260	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.009	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	44.8	MPa	ASTM D 638
Tensile Strength at Break	42.7	MPa	ASTM D 638
Elongation at Yield	4	%	ASTM D 638
Elongation at Break	50	%	ASTM D 638
Flexural Modulus	2137	MPa	ASTM D 790
Flexural Strength	75.8	MPa	ASTM D 790
Rockwell Hardness	R105	-	ASTM D 785
Izod Impact notched, 1/8 in	827	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	240	J/m	ASTM D 256
Temperature	-30	°C	-

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	73.9	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.1	%	ASTM D 570
Density	1280	kg/m ³	ASTM D 792

Characteristics**Special Characteristics**

Flame retardant, U.V. stabilized or stable to weather

Regional Availability

North America