

ColorRx® PCPT-1000CFRNB

(PC+PET)

Americhem Engineered Compounds

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	10	g/10min	ASTM D 1238
Mold Shrinkage, MD	0.0075	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	52.7	MPa	ASTM D 638
Tensile Strength at Break	44.8	MPa	ASTM D 638
Elongation at Yield	4	%	ASTM D 638
Elongation at Break	150	%	ASTM D 638
Flexural Modulus	2241	MPa	ASTM D 790
Flexural Strength	80.7	MPa	ASTM D 790
Rockwell Hardness	R110	-	ASTM D 785
Izod Impact notched, 1/8 in	721	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	2	mm	-
DTUL @ 264 psi	77.8	°C	ASTM D 648
Other properties			
Density	1290	kg/m ³	ASTM D 792

Characteristics**Special Characteristics**

Flame retardant

Applications

Medical

Chemical Resistance

General Chemical Resistance

Regional Availability

North America