

ColorFast® FRPA200X

(PC+ABS)

Americhem Engineered Compounds

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	18	g/10min	ASTM D 1238
Temperature	260	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.005	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	63.4	MPa	ASTM D 638
Tensile Strength at Break	49.6	MPa	ASTM D 638
Elongation at Yield	4	%	ASTM D 638
Elongation at Break	78	%	ASTM D 638
Flexural Modulus	2620	MPa	ASTM D 790
Flexural Strength	95.8	MPa	ASTM D 790
Rockwell Hardness	R122	-	ASTM D 785
Izod Impact notched, 1/8 in	641	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 264 psi	90.6	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.1	%	ASTM D 570
Density	1180	kg/m ³	ASTM D 792

Characteristics**Special Characteristics**

Flame retardant, Light stabilized or stable to light

Regional Availability

North America