

ColorFast® PBA1000

(PBT+ABS)

Americhem Engineered Compounds

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	46.9	MPa	ASTM D 638
Tensile Strength at Break	33.1	MPa	ASTM D 638
Elongation at Yield	7	%	ASTM D 638
Elongation at Break	35	%	ASTM D 638
Flexural Modulus	2068	MPa	ASTM D 790
Izod Impact notched, 1/8 in	85.4	J/m	ASTM D 256

Other properties	Value	Unit	Test Standard
Density	1200	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	85	°C	-
Pre-drying - Time	3 - 4	h	-
Melt temperature	221 - 254	°C	-
Mold temperature	10 - 71.1	°C	-
Zone 1	204 - 238	°C	-
Zone 2	210 - 232	°C	-
Zone 3	221 - 254	°C	-
Nozzle temperature	216 - 249	°C	-
Screw speed	40 - 70	rpm	-
Back pressure	0.345 - 0.689	MPa	-

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Features

Low Odor

Chemical Resistance

General Chemical Resistance

Regional Availability

North America