

**ColorFast® PFA**

Americhem - Perfluoroalkoxy

**General Information**
**Product Description**

PERFLUOROALKOXY

**General**

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • North America • Asia Pacific • Latin America
Features	• Excellent Colorability
Uses	• Consumer Applications • Industrial Applications
Forms	• Pellets
Processing Method	• Injection Molding

**Properties <sup>1</sup>**

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	2.15		ASTM D792
Molding Shrinkage - Flow (0.125 in)	6.0E-3 to 8.0E-3	in/in	ASTM D955
Water Absorption (Equilibrium)	0.035	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	3600	psi	ASTM D3307
Tensile Elongation (Break)	300	%	ASTM D3307
Flexural Modulus	85000	psi	ASTM D790

**Processing Information**

Injection	Nominal Value	Unit
Drying Temperature	250	°F
Drying Time	2.0 to 4.0	hr
Processing (Melt) Temp	680 to 720	°F
Mold Temperature	250 to 450	°F
Back Pressure	50.0 to 100	psi
Screw Speed	40 to 70	rpm

**Notes**
<sup>1</sup> Typical properties: these are not to be construed as specifications.
