

**InLube® PCABSTF15**

Americhem - Polycarbonate + ABS

## General Information

**Product Description**

15% PTFE LUBRICATED PC/ABS ALLOY

**General**

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Additive	• PTFE Lubricant: 15%		
Features	• Chemical Resistant • Good Mold Release	• Low Friction • Lubricated	• Wear Resistant
Uses	• Automotive Applications • Closures • Connectors • Consumer Applications	• Electrical/Electronic Applications • Engineering Parts • Household Goods • Housings	• Industrial Applications • Industrial Parts • Office Automation Equipment
Forms	• Pellets		
Processing Method	• Injection Molding		

 Properties <sup>1</sup>

	Nominal Value	Unit	Test Method
<b>Physical</b>			
Density / Specific Gravity	1.27		ASTM D792
Molding Shrinkage - Flow (0.125 in)	5.0E-3 to 7.0E-3	in/in	
<b>Mechanical</b>			
Tensile Modulus	380000	psi	ASTM D638
Tensile Strength (Break)	7000	psi	ASTM D638
Tensile Elongation (Break)	> 10	%	ASTM D638
Flexural Modulus	340000	psi	ASTM D790
Flexural Strength (Break)	14000	psi	ASTM D790
<b>Impact</b>			
Notched Izod Impact (0.125 in)	2.5	ft·lb/in	ASTM D256
<b>Thermal</b>			
Deflection Temperature Under Load (264 psi, Unannealed)	200	°F	ASTM D648
<b>Electrical</b>			
Volume Resistivity	> 1.0E+17	ohms·cm	ASTM D257

## Processing Information

	Nominal Value	Unit
<b>Injection</b>		
Drying Temperature	200	°F
Drying Time	3.0 to 4.0	hr
Suggested Max Moisture	0.020	%
Processing (Melt) Temp	470 to 525	°F
Mold Temperature	150 to 200	°F
Back Pressure	50.0 to 100	psi
Screw Speed	40 to 70	rpm
Vent Depth	1.0E-3 to 2.0E-3	in

