

InStruc® POKBS25LF
Americhem - Polyketone
General Information
Product Description

25% BARIUM SULFATE FILLED, LOW FLOW POLYKETONE

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Filler / Reinforcement	• Barium Sulfate, 25% Filler by Weight		
Features	• Good Dimensional Stability	• Radiopaque	
Uses	• Closures	• Electrical/Electronic Applications	• Industrial Parts
	• Connectors	• Household Goods	
	• Consumer Applications	• Industrial Applications	
Forms	• Pellets		
Processing Method	• Injection Molding		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.51		ASTM D792
Molding Shrinkage - Flow	2.0E-3 to 4.0E-3	in/in	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	300000	psi	ASTM D638
Tensile Strength (Yield)	7500	psi	ASTM D638
Tensile Elongation (Yield)	> 50	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	2.0	ft-lb/in	ASTM D256

Processing Information

Injection	Nominal Value	Unit
Drying Temperature	170	°F
Drying Time	3.0 to 4.0	hr
Processing (Melt) Temp	450 to 480	°F
Mold Temperature	140 to 180	°F
Back Pressure	50.0 to 100	psi
Screw Speed	40 to 70	rpm

