

Integra™ POK 9360 GA4 LA1

PolySource, LLC - Polyketone

General Information
Product Description

20% Glass Fiber Reinforced, 5% PTFE Lubricated Polyketone

General

Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Glass Fiber, 20% Filler by Weight
Additive	• PTFE Lubricant: 5%
Features	• Lubricated

Properties ¹

	Nominal Value	Unit	Test Method
Physical			
Density / Specific Gravity	1.42		ASTM D792
Molding Shrinkage - Flow (0.125 in)	2.0E-3 to 4.0E-3	in/in	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	16000	psi	ASTM D638
Tensile Elongation (Break)	4.0 to 6.0	%	ASTM D638
Flexural Modulus	700000	psi	ASTM D790
Flexural Strength	23500	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	2.3	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	415	°F	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+15	ohms·cm	ASTM D257

Notes
¹ Typical properties: these are not to be construed as specifications.
