

Integra™ POK 9360 GA4 LA1

Polyketone

PolySource, LLC

Message:

20% Glass Fiber Reinforced, 5% PTFE Lubricated Polyketone

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 20% filler by weight		
Additive	PTFE lubricant (5%)		
Features	Lubrication		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.42	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.20 - 0.40	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	110	MPa	ASTM D638
Tensile Elongation (Break)	4.0 - 6.0	%	ASTM D638
Flexural Modulus	4830	MPa	ASTM D790
Flexural Strength	162	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	120	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	213	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+15	ohms · cm	ASTM D257

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Recommended distributors for this material

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