

Plaslube® PEEK 1041 A

 Techmer Polymer Modifiers - *Polyetheretherketone*
General Information
General

Material Status	• Commercial: Active
Availability	• North America
Features	• High Viscosity • Lubricated
Appearance	• Colors Available
Processing Method	• Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.46		ASTM D792
Molding Shrinkage - Flow (0.125 in)	3.0E-3	in/in	ASTM D955
Water Absorption (24 hr)	0.12	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	13900	psi	ASTM D638
Tensile Strength (Break)	13900	psi	ASTM D638
Tensile Elongation (Break)	3.9	%	ASTM D638
Flexural Modulus	1.51E+6	psi	ASTM D790
Flexural Strength	23000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.125 in)	0.93	ft·lb/in	ASTM D256

Processing Information

Injection	Nominal Value	Unit
Drying Temperature	300	°F

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