Wednesday, May 13, 2026

Plaslube® PEEK 1041 A

Techmer Polymer Modifiers - *Polyetheretherketone*

Units SI

Action **Legend (Open)**

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	g/cm³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.30	%	ASTM D955
Water Absorption (24 hr)	0.12	%	ASTM D570
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Yield)	95.8	MPa	ASTM D638
Tensile Strength (Break)	95.8	MPa	ASTM D638
Tensile Elongation (Break)	3.9	%	ASTM D638
Flexural Modulus	10400	MPa	ASTM D790
Flexural Strength	159	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C, 3.18 mm)	50	J/m	ASTM D256

Processing Information

Injection	Nominal Value	Unit
Drying Temperature	149	°C

Notes

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

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