

TECAPEEK IM & TECAPEEK IM-GF30

Unfilled & Glass Filled Injection Molded PEEK Tubes



Ensinger Precision Components

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Ensinger Precision Components offers injection molded tubular products in both unfilled and 30% glass filled polymers. Our current OD capability is 1.25"Ø to 7.00" Ø. Most OD's are offered in 6.00" lengths.

- High Wear Resistance
- High continuous working temperature
- High level of mechanical strength and dimensional stability
- High Electrical Integrity
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- Resistance to harsh chemicals
- Hydrolysis resistance

Properties	ASTM Test Method	Units	30% Glass Filled Typical Value	Unfilled Typical Value
Specific Gravity	ASTM D792		1.51	1.30
Tensile Strength	ASTM D638	psi	26,831	14,213
Elongation	ASTM D638	%	2.8	45
Flexural Strength	ASTM D790	psi	39,885	18,129
Flexural Modulus	ASTM D790	psi	1,595,415	551,143
Hardness	ASTM D2240	--	87.5	84.5



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