

COMPOSITECAST MATERIAL SPECIFICATIONS

PT8958



Highlights

- Fast processing of complex parts and panels without hard tooling
- When compared to QuantumCast, PT8958 used in CompositeCast experiences 167% gain in heat deflection temperature @ 66 psi
- Composite-like performance
- Tough and Stiff Cast Parts

Applications

- Medical Imaging Programs
- Medical Device Covers

TYPICAL PHYSICAL PROPERTIES

Property	Test Method	English	Metric
Color/Appearance	Visual	Amber	Amber
Tensile Strength	ASTM D 638	12,200 psi	84 MPa
Tensile Modulus	ASTM D 638	601,000 psi	4,143 MPa
Elongation at Break	ASTM D 638	2.6%	2.6%
Flexural Modulus	ASTM D790	582,000 psi	4,012 MPa
Izod Notched Impact	ASTM D256	3.20 ft-lb/in	190 J/m
Hardness (Shore D)	n/a	82 D	82 D
Heat Deflection Temperature	ASTM D 648 @ 66 psi	468°F	242°C



The material properties provided herein are for reference purposes only. Actual values may vary significantly as they are dramatically affected by part geometry and process parameters. Material specifications are subject to change with out notice.