



Accura[®] SL Y-C 9300

Selectively colorable stereolithography material

Post-Cured Material

MEASUREMENT	CONDITION	METRIC	U.S.
Tensile Strength (MPa/PSI)	ASTM D 638	45	6525
Tensile Modulus (MPa/KSI)	ASTM D 638	1315	191
Elongation at Break (%)	ASTM D 638	7	7
Glass Transition (Tg)	DMA, E''	52 °C	126 °F
Hardness, Shore D	ASTM D 2240	75	75
Density		1.18 g/cm ³	1.18 g/cm ³

Liquid Material

MEASUREMENT	CONDITION	VALUE
Viscosity	@ 30 °C (86 °F)	1090 cps
Penetration Depth (Dp)		9.4 mils
Critical Exposure (Ec)		8.4 mJ/cm ²
Color		Clear
Density	@ 25 °C (77 °F)	1.12 g/cm ³
Critical energy for coloration (Ecc)	@ 30 °C (86 °F)	>320 mJ/cm ²

Features

- Clear parts with selectively-colored areas
- Capable of meeting the standards of USP Class VI
- Parts can be sterilized
- Ideal to show differences in design iterations
- Ideal for medical applications
- Ideal for improved visualization within parts

Warranty/Disclaimer: The performance characteristics of these products may vary according to product application, operating conditions, or with end use. 3D Systems makes no warranties of any type, express or implied, including, but not limited to, the warranties of merchantability or fitness for a particular use.

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