

Objet FullCure® 930 Tango Plus Resin for Rapid Prototyping

Category : Polymer , Rapid Prototyping Polymer

Material Notes:

Information provided by American Precision Prototyping, LLC

Order this product through the following link:

http://www.lookpolymers.com/polymer_Obj- FullCure-930-Tango-Plus-Resin-for-Rapid-Prototyping.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	27	27	ASTM D2240
Tensile Strength, Ultimate	1.455 MPa	211.0 psi	ASTM D412
Tensile Strength, Yield	0.146 MPa	21.2 psi	ASTM D413
	@Strain 20.0 %	@Strain 20.0 %	
	0.185 MPa	26.8 psi	ASTM D413
	@Strain 30.0 %	@Strain 30.0 %	
	0.263 MPa	38.1 psi	ASTM D413
	@Strain 50.0 %	@Strain 50.0 %	
Elongation at Break	218 %	218 %	ASTM D412
Tear Strength	3.40 kN/m	19.4 pli	ASTM D624
Compression Set	4.4 %	4.4 %	ASTM D395
	@Temperature 75.0 °C, Time 79200 sec	@Temperature 167 °F, Time 22.0 hour	

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	-9.60 °C	14.7 °F	DSC (-80°C+100°C)

Descriptive Properties	Value	Comments
Ross Flex	>150,000	

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