

Accura® Xtreme™

Unspecified
3D Systems

Message:

- Applications
- Form, fit and function prototypes
 - Durable Assemblies
 - Snap fit assemblies
 - Tough enclosures
 - Consumer electronic components
 - Master patterns for RTV/Silicone molding
 - Replace CNC machining of Poly propylene and ABS
- Features
- Look and feel of a durable molded plastic
 - Outstanding durability and impact resistance
 - Thermal Resistance over 60° C
 - Easy to use low viscosity formulation
 - Fully developed and tested build styles
- Benefits
- Increased application opportunities
 - Suitable for assemblies and functional testing
 - Prototypes withstand modest temperatures without distortion
 - Faster recoating and build times
 - Maximize reliability with no user R&D

General Information		
Features	Durable	
	Good Toughness	
	High Impact Resistance	
	Low Viscosity	
	Medium Heat Resistance	
Uses	Closures	
	Electrical Parts	
	Electrical/Electronic Applications	
	Housings	
	Molds/Dies/Tools	
Prototyping		
Appearance	Grey	
Forms	Liquid	
Processing Method	3D Printing, Stereolithography	
Physical	Nominal Value	Unit
Density		
-- 1	1.13	g/cm³
-- 2	1.19	g/cm³

Viscosity (30°C)	250 to 300	mPa · s	
Critical Exposure	11.7	mJ/cm ²	
Penetration Depth	104.1	μm	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1790 to 1980	MPa	ASTM D638
Tensile Strength	38.0 to 44.0	MPa	ASTM D638
Tensile Elongation (Break)	14 to 22	%	ASTM D638
Flexural Modulus	1520 to 2070	MPa	ASTM D790
Flexural Strength	52.0 to 71.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	35 to 52	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	62.0	°C	
1.8 MPa, Unannealed	54.0	°C	
NOTE			
1.	Liquid, 25°C		
2.	Solid, 25°C		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

