

Alpha PVC 3016GBF-70S CLEAR 000X

Flexible Polyvinyl Chloride

AlphaGary

Message:

3016GBF-70S Clear 000X is a DEHP-free, bovine-free, Gamma radiation resistant, flexible PVC compound produced from FDA sanctioned ingredients. Developed for injection molding, 3016GBF-70S Clear 000X has excellent heat stability and physical properties, and also very good low temperature flexibility and water-blush resistance. This compound has been designed to pass the USP Class VI and cytotoxicity requirements for biomedical devices.

General Information			
Features	Blush Resistant		
	Good Thermal Stability		
	Low Temperature Flexibility		
	Radiation (Gamma) Resistant		
Uses	Medical/Healthcare Applications		
Agency Ratings	FDA Unspecified Rating		
	USP Class VI		
RoHS Compliance	Contact Manufacturer		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.19 to 1.23	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (175°C/20.0 kg)	10	g/10 min	ASTM D3364
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec, 6.35 mm)	67 to 73		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant (1.91 mm)	6.21	MPa	ASTM D638
Tensile Strength (1.91 mm)	15.2	MPa	ASTM D638
Tensile Elongation (Break, 1.91 mm)	350	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ¹	45.5	kN/m	ASTM D1004
Injection	Nominal Value	Unit	
Processing (Melt) Temp	157 to 168	°C	
NOTE			
1.	Graves		

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



WECHAT