

# Alpha PVC 2228GBF-75S CLEAR 000X

Flexible Polyvinyl Chloride

AlphaGary

## Message:

2228GBF-75S Clear 000X is a DEHP-free, bovine-free, Gamma radiation resistant, flexible PVC compound produced from FDA sanctioned ingredients. Developed for the extrusion of kinkresistant, sparkling clear medical tubing, 2228GBF-75S 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		
	Kink Resistant		
	Low Temperature Flexibility		
	Radiation (Gamma) Resistant		
Uses	Medical/Healthcare Applications		
	Tubing		
Agency Ratings	FDA Unspecified Rating		
	USP Class VI		
RoHS Compliance	Contact Manufacturer		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20 to 1.24	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (175°C/20.0 kg)	3.5	g/10 min	ASTM D3364
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec, 6.35 mm)	72 to 78		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant (1.91 mm)	8.27	MPa	ASTM D638
Tensile Strength (1.91 mm)	17.2	MPa	ASTM D638
Tensile Elongation (Break, 1.91 mm)	340	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength <sup>1</sup>	54.3	kN/m	ASTM D1004
Extrusion	Nominal Value	Unit	
Melt Temperature	157 to 168	°C	
NOTE			

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#### Recommended distributors for this material

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