

ALPHAMED 2222R-70 CLEAR 000X

Alphagary - Flexible Polyvinyl Chloride

General Information

Product Description

ALPHAMED 2222R-70 CLEAR 000X is a flexible PVC compound produced from FDA sanctioned ingredients. This compound offers sparkling clarity and excellent physical properties, and was specifically developed for the extrusion of medical tubing. ALPHAMED 2222R-70 CLEAR 000X has exceptional resistance to radiation sterilization and has been designed to pass USP Class VI biocompatibility tests for medical devices.

General

Features	• Biocompatible	• High Clarity
Uses	• Medical/Healthcare Applications	• Tubing
Agency Ratings	• FDA	• USP Class VI
Appearance	• Clear/Transparent	
Processing Method	• Extrusion	

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.20		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant (0.0750 in)	950	psi	ASTM D638
Tensile Strength (0.0750 in)	2450	psi	ASTM D638
Tensile Elongation (Break, 0.0750 in)	430	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, 10 sec, 0.125 in	70		
Shore A, 15 sec, 0.250 in	68		
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-36.4	°F	ASTM D746

Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	330	°F