

Alpha PVC 2222RX/1-74 CLEAR 0001

Flexible Polyvinyl Chloride

AlphaGary

Message:

2222RX/1-74 Clear 0001 is a flexible PVC compound produced from FDA sanctioned ingredients. 2222RX/1-74 Clear 0001 has been developed for medical tubing with good physical properties and good performance when exposed to radiation sterilization.

General Information			
Features	Radiation Sterilizable		
Uses	Medical/Healthcare Applications Tubing		
Agency Ratings	FDA Unspecified Rating		
RoHS Compliance	Contact Manufacturer		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.19 to 1.23	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, 10 sec, 3.18 mm	71 to 77		
Shore A, 15 sec, 6.35 mm	69 to 75		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant (1.91 mm)	6.89	MPa	ASTM D638
Tensile Strength (1.91 mm)	17.6	MPa	ASTM D638
Tensile Elongation (Break, 1.91 mm)	360	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ¹	48.2	kN/m	ASTM D1004
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	143	°C	
Cylinder Zone 2 Temp.	149	°C	
Cylinder Zone 3 Temp.	154	°C	
Cylinder Zone 4 Temp.	160	°C	
Cylinder Zone 5 Temp.	160	°C	
Adapter Temperature	166	°C	
Melt Temperature	160 to 166	°C	
Die Temperature	166	°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

