

Alpha PVC 2222C-75 CLEAR 0003

Polyvinyl Chloride

AlphaGary

Message:

2222C-75 CLEAR 0003 is produced from FDA sanctioned ingredients. The ease of processing has made 2222C-75 CLEAR 0003 a widely accepted compound for the extrusion of non-toxic tubing such as required for medical, beverage, and industrial applications. Fast fluxing of this compound at desirable operating temperatures attributes to consistency in flow and sizing of small and large OD tubing.

General Information			
Features	Non-Toxic		
Uses	Industrial Applications		
	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	1.20 to 1.24	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, 10 sec, 3.18 mm	72 to 78		
Shore A, 15 sec, 6.35 mm	70 to 76		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant (1.91 mm)	6.38	MPa	ASTM D638
Tensile Strength (1.91 mm)	15.5	MPa	ASTM D638
Tensile Elongation (Break, 1.91 mm)	370	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-40.0	°C	ASTM D746
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.	166	°C	
Adapter Temperature	166	°C	
Melt Temperature	163 to 171	°C	
Die Temperature	166	°C	

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