

# Alpha PVC 2222NK-70 CLEAR 0217

Flexible Polyvinyl Chloride

AlphaGary

## Message:

2222NK-70 CLEAR 0217 is a flexible PVC compound produced from FDA sanctioned ingredients. The ease of processing has made 2222NK-70 CLEAR 0217 a widely accepted compound for the extrusion of nontoxic tubing, such as required for medical, beverage, and industrial applications. 2222NK-70 CLEAR 0217 has been designed to meet the US Pharmacopeia's Class VI and cytotoxicity requirements for biomedical devices.

General Information			
Features	Good Processability		
	Non-Toxic		
Uses	Industrial Applications		
	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	1.18 to 1.22	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, 10 sec, 3.18 mm	67 to 73		
Shore A, 15 sec, 6.35 mm	65 to 71		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant (1.91 mm)	6.10	MPa	ASTM D638
Tensile Strength (1.91 mm)	17.2	MPa	ASTM D638
Tensile Elongation (Break, 1.91 mm)	430	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-43.0	°C	ASTM D746
Extrusion	Nominal Value	Unit	
Melt Temperature	166 to 177	°C	

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