

Alpha PVC 2222C-60 CLEAR

Flexible Polyvinyl Chloride
Mexichem Specialty Compounds Inc.

Message:

AlphaGary's 2222C series is a flexible, clear PVC designed for extrusion applications and formulated with additives sanctioned by the US FDA in Title 21 CFR. The available durometer range in this series is 50-95A. If features such as gamma stability, non-DEHP, or non-phthalate are necessary, please contact AlphaGary for an alternate candidate.

General Information			
Features	Workability, good		
	Definition, high		
	Thermal stability, good		
Uses	Non-specific food applications		
	Cosmetics		
	Medical/nursing supplies		
RoHS Compliance	Contact manufacturer		
Appearance	Clear/transparent		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.18	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shaw A, 10 seconds, 3.18mm	60		ASTM D2240
Shaw A, 15 seconds, 6.35mm	57		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Fracture	12.4	MPa	ASTM D638
100% strain	3.79	MPa	ASTM D638
Tensile Elongation (Break)	420	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-42.2	°C	ASTM D746
Injection	Nominal Value	Unit	
Processing (Melt) Temp	160 - 171	°C	

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Recommended distributors for this material

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