

Unichem 9904-03

Polyvinyl Chloride

Colorite Polymers

Message:

Unichem 9904-03 is a Polyvinyl Chloride product. It is available in North America. Applications of Unichem 9904-03 include food contact applications and medical/healthcare.

Characteristics include:

Non-Toxic

Rigid

General Information			
Features	Non-Toxic		
	Semi Rigid		
Uses	Food Service Applications		
	Medical/Healthcare Applications		
Appearance	Clear/Transparent		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.31	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	70		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	31.4	MPa	ASTM D638
Tensile Elongation (Yield)	230	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	21.6	MPa	ASTM D412
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	38.3	°C	
1.8 MPa, Unannealed	43.3	°C	

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