Unichem 7012G-05

Polyvinyl Chloride

Colorite Polymers

Message:

Unichem 7012G-05 is a Polyvinyl Chloride product. It is available in North America. Applications of Unichem 7012G-05 include food contact applications and medical/healthcare.
Characteristics include:
Non-Toxic
Sterilizable

General Information			
Features	Good Color Stability Non-Toxic Radiation Sterilizable		
Uses	Food Service Applications Medical/Healthcare Applications		
Agency Ratings	FDA Food Contact, Unspecified Rating		
Appearance	Clear/Transparent		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.21	g/cm^3	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	70		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	16.2	MPa	ASTM D638
Tensile Elongation (Yield)	400	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	6.21	MPa	ASTM D412
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-38.9	°C	ASTM D746

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