

Unichem 9066G-015

Polyvinyl Chloride

Colorite Polymers

Message:

Unichem 9066G-015 is a clear, non-toxic, semi-rigid, vinyl compound formulated specifically for the injection molding of components for the medical and food industries. This compound is based on a Citrate plasticizer. This compound is designed to resist discoloration and degradation when subjected to gamma ray sterilization.

The U.S. Food and Drug Administration sanction all components used in the manufacture of Unichem 9066G-015 for food applications under Title 21 of the Code of Federal Regulations.

To comply with the exacting needs of the medical industry, complete traceability and lot identification of all components and finished products are maintained.

General Information			
Features	Food Contact Acceptable		
	Good Color Stability		
	Non-Toxic		
	Radiation Sterilizable		
	Semi Rigid		
Uses	Food Service Applications		
	Medical/Healthcare Applications		
Agency Ratings	FDA Food Contact, Unspecified Rating		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.29	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	90		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant	15.2	MPa	ASTM D638
Tensile Strength (Yield)	22.1	MPa	ASTM D638
Tensile Elongation (Yield)	280	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-15.0	°C	ASTM D746

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