

Unichem 8288G-015

Flexible Polyvinyl Chloride

Colorite Polymers

Message:

Unichem 8288G-015 is a clear, flexible, non-phthalate, vinyl compound formulated specifically for the food and medical industries and designed to resist degradation and discoloration when exposed to gamma ray sterilization. In addition, this compound offers good low temperature properties. All components in 8288G-015 are sanctioned by the U.S. Food and Drug Administration for food packaging applications under Title 21 of the Code of Federal Regulation.

To comply with the requirements of the medical industry, complete traceability and lot identification of all components are maintained at Colorite.

General Information			
Additive	Plasticizer		
Features	Good Flexibility		
	Non-Phthalate Plasticizer		
	Radiation (Gamma) Resistant		
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	1.24	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.30	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	82		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant	9.31	MPa	ASTM D638
Tensile Strength (Yield)	17.2	MPa	ASTM D638
Tensile Elongation (Break)	350	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-60.0	°C	ASTM D746

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