

Unichem 9011AG-015

Polyvinyl Chloride

Colorite Polymers

Message:

"G" series resist discoloration and degradation when subjected to beta and gamma ray sterilization. This grade has been developed for use in the critical applications of intravenous and blood tubing. It is produced to the highest standards of performance to comply with all USP and FDA requirements.

General Information			
Features	Clean/High Purity		
	Good Color Stability		
	Non-Toxic		
	Radiation Sterilizable		
Uses	Food Service Applications		
	Medical/Healthcare Applications		
	Tubing		
Agency Ratings	FDA Food Contact, Unspecified Rating		
	USP Unspecified Rating		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.27	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 Strength (Yield)	21.4	MPa	ASTM D638
Tensile Elongation (Yield)	300	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	15.2	MPa	ASTM D412
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-20.0	°C	ASTM D746

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