

Unichem 8190

Polyvinyl Chloride

Colorite Polymers

Message:

Unichem 8190 is a Polyvinyl Chloride product. It is available in North America. Typical application: Medical/Healthcare.

Characteristics include:

Low to No Odor/Taste

Clarity

General Information			
Features	High Clarity		
	Low Odor Transfer		
	Low Taste Transfer		
Uses	Medical/Healthcare Applications		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.37	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	15.5	MPa	ASTM D638
Tensile Elongation (Yield)	300	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	7.58	MPa	ASTM D412
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-22.8	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	3.1E+12	ohms · cm	ASTM D257

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