

# Unichem 6811-02

Flexible Polyvinyl Chloride

Colorite Polymers

Message:

Unichem 6811-02 is a clear, flexible vinyl extrusion compound formulated to meet the exacting demands of the medical and food industries. The U.S. Food and Drug Administration sanction all components in 6811-02 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 Unichem.

General Information			
Features	Good Flexibility		
Uses	Food Packaging		
	Medical/Healthcare Applications		
Agency Ratings	FDA Unspecified Rating		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	68		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant	5.52	MPa	ASTM D638
Tensile Strength (Yield)	13.8	MPa	ASTM D638
Tensile Elongation (Yield)	400	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-40.0	°C	ASTM D746

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