

Unichem 7834

Flexible Polyvinyl Chloride

Colorite Polymers

Message:

Unichem 7834 is a Flexible Polyvinyl Chloride product. It can be processed by extrusion or injection molding and is available in North America. Primary characteristic: good flexibility.

General Information			
Features	Good Flexibility		
Forms	Pellets		
Processing Method	Extrusion		
	Injection Molding		

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	78		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	15.9	MPa	ASTM D638
Tensile Elongation (Yield)	320	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	8.55	MPa	ASTM D412
Injection	Nominal Value	Unit	
Processing (Melt) Temp	163 to 168	°C	
Mold Temperature	10.0 to 37.8	°C	
Back Pressure	0.689 to 2.76	MPa	
Screw Speed	40 to 100	rpm	
Screw Compression Ratio	2.0:1.0 to 3.0:1.0		

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