

Unichem 4511

Flexible Polyvinyl Chloride

Colorite Polymers

Message:

Unichem 4511 is a Flexible Polyvinyl Chloride product. It can be processed by extrusion and is available in North America.

Characteristics include:

Good Flexibility

Non-Toxic

General Information			
Features	Good Flexibility		
	Non-Toxic		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.15	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	53		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	7.31	MPa	ASTM D638
Tensile Elongation (Yield)	480	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	2.00	MPa	ASTM D412
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	138 to 166	°C	
Cylinder Zone 2 Temp.	138 to 166	°C	
Cylinder Zone 3 Temp.	138 to 166	°C	
Cylinder Zone 4 Temp.	138 to 166	°C	
Cylinder Zone 5 Temp.	138 to 166	°C	
Melt Temperature	157 to 160	°C	

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Recommended distributors for this material

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