

# Unichem 4512

Flexible Polyvinyl Chloride

Colorite Polymers

### Message:

Unichem 4512 is a Flexible Polyvinyl Chloride product. It can be processed by injection molding 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	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.15	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	45		ASTM D2240
Injection	Nominal Value	Unit	
Processing (Melt) Temp	154 to 160	°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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Recommended distributors for this material


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