

Unichem 1104C-03

Rigid Polyvinyl Chloride

Colorite Polymers

Message:

Unichem 1104C-03 is a Rigid 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	1.32	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	1.6	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.30	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	74		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	38.6	MPa	ASTM D638
Tensile Elongation (Break)	47	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	320	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	70.0	°C	
1.8 MPa, Unannealed	64.4	°C	
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	4.7E+15	ohms · cm	ASTM D257
Optical	Nominal Value	Unit	Test Method
Transmittance	90.0	%	ASTM D1003

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Recommended distributors for this material

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