

# Unichem 8060

Flexible Polyvinyl Chloride

Colorite Polymers

## Message:

Unichem 8060 is a Flexible Polyvinyl Chloride product. It can be processed by extrusion or injection molding and is available in North America. Typical application: Automotive.  
Characteristics include:  
Good Flexibility  
Heat Resistant

General Information	
Features	General Purpose
	Good Flexibility
	Good Flow
	Good Thermal Stability
Uses	Automotive Electronics
Forms	Pellets
Processing Method	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.44	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	12.1	MPa	ASTM D638
Tensile Elongation (Yield)	300	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	7.83	MPa	ASTM D412
Injection	Nominal Value	Unit	
Processing (Melt) Temp	166 to 177	°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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