



# Roscom PVC 201-80 Clear 01

Roscom, Inc. - Flexible Polyvinyl Chloride

## General Information

### Product Description

ROSCOM PVC 201-80 Clear 01 is a flexible vinyl formulation designed for injection molding and extrusion. It is the compound of choice when ABSOLUTE CLARITY and HIGH GLOSS are required. PVC 201 is noted for high heat stability, good flow, and easy processing. Typical applications range from safety goggles to automotive and toy parts to extrude tubing and profiles.

### General

Features	<ul style="list-style-type: none"> <li>• Good Flexibility</li> <li>• Good Flow</li> </ul>	<ul style="list-style-type: none"> <li>• Good Processability</li> <li>• Good Thermal Stability</li> </ul>	<ul style="list-style-type: none"> <li>• High Gloss</li> </ul>
Uses	<ul style="list-style-type: none"> <li>• Automotive Applications</li> <li>• Profiles</li> </ul>	<ul style="list-style-type: none"> <li>• Toys</li> <li>• Tubing</li> </ul>	
Appearance	<ul style="list-style-type: none"> <li>• Clear/Transparent</li> </ul>	<ul style="list-style-type: none"> <li>• Opaque</li> </ul>	
Processing Method	<ul style="list-style-type: none"> <li>• Extrusion</li> </ul>	<ul style="list-style-type: none"> <li>• Injection Molding</li> </ul>	

## Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.17 to 1.23		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	1100	psi	ASTM D412
Tensile Strength (Yield)	2750	psi	ASTM D412
Tensile Elongation (Break)	520	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	77 to 83		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-41.8	°F	ASTM D412

## Processing Information

Injection	Nominal Value	Unit
Processing (Melt) Temp	320 to 340	°F