

Roscom PVC 201-80 Clear 01

Flexible Polyvinyl Chloride

Roscom, Inc.

Message:

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 Information			
Features	Good Flexibility		
	Good Flow		
	Good Processability		
	Good Thermal Stability		
	High Gloss		
Uses	Automotive Applications		
	Profiles		
	Toys		
	Tubing		
Appearance	Clear/Transparent		
	Opaque		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.17 to 1.23	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	77 to 83		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	7.58	MPa	ASTM D412
Tensile Strength (Yield)	19.0	MPa	ASTM D412
Tensile Elongation (Break)	520	%	ASTM D412
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-41.0	°C	ASTM D412
Injection	Nominal Value	Unit	
Processing (Melt) Temp	160 to 171	°C	

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