



Roscom PVC 601VO-75/80

Roscom, Inc. - Flexible Polyvinyl Chloride

General Information

Product Description

ROSCOM PVC 601VO-75/80 is a flexible vinyl formulation designed for both extrusion and injection molding. This compound features excellent heat stability and lubrication for trouble-free, consistent processing. It is rated 94VO for flame retardance.

General

Features	<ul style="list-style-type: none"> • Good Flexibility • Good Processability 	<ul style="list-style-type: none"> • Good Thermal Stability • Lubricated
Processing Method	<ul style="list-style-type: none"> • Extrusion 	<ul style="list-style-type: none"> • Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.42		ASTM D792
Volatiles ² (194°F)	-0.031	%	ASTM D2288
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	2480	psi	ASTM D2633
Tensile Elongation (Break)	370	%	ASTM D2633
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	77 to 83		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-11.2	°F	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength (212°F, 168 hr)	-2.0	%	ASTM D412
Change in Ultimate Elongation (212°F, 168 hr)	-44	%	ASTM D412
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94

Notes

¹ Typical properties: these are not to be construed as specifications.

² 24 hours