

Roscom PVC 6100

Polyvinyl Chloride

Roscom, Inc.

Message:

ROSCOM PVC 6100 is a rigid PVC compound designed for both single and twin - screw equipment. The formula features toughness making it the compound of choice for all types of profiles. The compound is noted for its desirable processing characteristics such as minimum die-swell and high heat stability.

General Information	
Features	Good Thermal Stability Good Toughness
Uses	Profiles
Appearance	Natural Color
Forms	Pellets
Processing Method	Extrusion Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity ¹	1.46	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	70		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	41.4	MPa	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	270	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	71.1	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating ²	V-0		UL 94

NOTE	
1.	Varies according to color
2.	Self Extinguishing

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