

Sinvicomp SRF9702/C

- Rigid Polyvinyl Chloride

Thursday, June 29, 2017

General Information

General

Material Status	• Commercial: Active
Availability	• Asia Pacific
Features	• Medium Impact Resistance
Uses	• Electrical/Electronic Applications
Forms	• Pellets
Processing Method	• Injection Molding

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.40		ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	17	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	8390	psi	ASTM D638
Tensile Elongation (Break)	40	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	0.73	ft-lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness	76		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	187	°F	ASTM D1525 ²
Heat Stability ³ (374°F)	30.0		BS 2782

Notes

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

² Loading 1 (10 N)

³ Congo Red

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