



Sinvicomp SRF3703

Teknor Apex Asia Pacific PTE. LTD. - Rigid Polyvinyl Chloride

General Information

General

Material Status	• Commercial: Active	
Availability	• Asia Pacific	
Features	• Good Impact Resistance	
Uses	• Electrical Parts	• Fittings
RoHS Compliance	• RoHS Compliant	
Forms	• Pellets	
Processing Method	• Injection Molding	

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.40		ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	4.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield, Compression Molded)	7980	psi	ASTM D638
Tensile Elongation ² (Break, Compression Molded)	170	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Compression Molded)	0.84	ft·lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 10 sec)	79		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	172	°F	ASTM D1525 ³
Thermal Stability ⁴ (374°F)	> 30	min	BS 2782

Notes

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

² Type IV, 0.20 in/min

³ Rate A (50°C/h), Loading 2 (50 N)

⁴ Congo Red