

Sinvicomp SRF3704

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

Thursday, August 29, 2019

General Information

General

Material Status	• Commercial: Active
Availability	• Asia Pacific
Features	• High Impact Resistance
Uses	• Fittings
Forms	• Pellets
Processing Method	• Injection Molding

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.37		ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	5.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield)	6680	psi	ASTM D638
Tensile Elongation ² (Break)	110	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	2.6	ft-lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	76		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	187	°F	ASTM D1525
Thermal Stability ³ (374°F)	> 30	min	BS 2782

Notes

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

² 9.8 in/min

³ Congo Red

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