



Sinvicomp SRF3812

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

General Information

General

Material Status	• Commercial: Active
Availability	• Asia Pacific
Features	• Medium Impact Resistance
Uses	• Fittings
Agency Ratings	• NSF STD-61
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)	6.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	392000	psi	ASTM D638
Tensile Strength (Yield)	6960	psi	ASTM D638
Tensile Elongation (Break)	100	%	ASTM D638
Flexural Modulus	377000	psi	ASTM D790
Flexural Strength	11500	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	2.1	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	187	°F	ASTM D1525 ²
--	171	°F	ASTM D1525 ³

Notes

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

² Loading 1 (10 N)

³ Loading 2 (50 N)