



Sinvicomp SIM5039

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

General Information

General

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

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.36		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield)	1890	psi	ASTM D638
Tensile Elongation ² (Break)	200	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	78		ASTM D2240
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength (212°F, 168 hr)	10	%	IEC 811-1-2
Change in Ultimate Elongation (212°F, 168 hr)	20	%	IEC 811-1-2
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	2.0E+13	ohms·cm	BS 2782
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.12 in)	V-2		UL 94

Notes

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

² 9.8 in/min