



Sinvicomp SIM4009

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	• Granules
Processing Method	• Injection Molding

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.33		ASTM D792
Congo Red (374°F)	> 30.0	min	BS 2782
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	2320	psi	IEC 60811-1-1
Tensile Elongation (Break)	200	%	IEC 60811-1-1
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	88		ASTM D2240
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (212°F, 168 hr)	< 15	%	IEC 60811-1-2
Change in Ultimate Elongation in Air (212°F, 168 hr)	< 20	%	IEC 60811-1-2
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity (68°F)	5.0E+12	ohms·cm	ASTM D257
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.