



Sinvicomp SIM5029

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	1.33		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	2180	psi	IEC 811-1-1
Tensile Elongation ² (Break)	220	%	IEC 811-1-1
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	82		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 (68°F)	2.0E+13	ohms·cm	BS 2782

Notes

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

² 9.8 in/min