



Sinvicomp SI25908A

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

General Information

General

Material Status	• Commercial: Active	
Availability	• Asia Pacific	
Uses	• Insulation	• Wire Jacketing
Wire Types (AS 3147/3191)	• 5V-90	• V-90
RoHS Compliance	• RoHS Compliant	
Forms	• Pellets	
Processing Method	• Extrusion	

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.40		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	2030	psi	IEC 60811-1-1
Tensile Elongation (Break)	310	%	IEC 60811-1-1
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	82		ASTM D2240
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength (239°F, 504 hr)	10	%	AS 3147/3191
Change in Ultimate Elongation (239°F, 504 hr)	15	%	AS 3147/3191
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity (68°F)	5.0E+13	ohms·cm	BS 2782
Additional Information	Nominal Value	Unit	Test Method
Loss of Mass - 5 Days (239°F)	1.0 mg/cm2		AS 3147/3191

Notes

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