



Sinvicomp SI24508A-1

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

General Information

General

Material Status	• Commercial: Active
Availability	• Asia Pacific
Uses	• Insulation
Wire Types (AS/NZS 3808)	• V-90
Forms	• Pellets
Processing Method	• Extrusion

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.46		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	2610	psi	AS/NZS 1660
Tensile Elongation (Break)	280	%	AS/NZS 1660
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	92		ASTM D2240
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength (239°F, 504 hr)	6.0	%	AS/NZS 1660
Change in Ultimate Elongation (239°F, 504 hr)	15	%	AS/NZS 1660
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity (68°F)	1.0E+14	ohms·cm	BS 2782
Additional Information	Nominal Value	Unit	Test Method
Loss of Mass - 5 days (239°F)	0.800	mg/cm ²	AS/NZS 1660

Notes

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