

Sinvicomp SI24505

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

Thursday, August 29, 2019

General Information

General

Material Status	• Commercial: Active
Availability	• Asia Pacific
Features	• High Stiffness
Uses	• Wire & Cable Applications
Agency Ratings	• BS 6746 • JIS 6723 • UL 1581
RoHS Compliance	• RoHS Compliant
Forms	• Pellets
Processing Method	• Extrusion

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.35		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	2900	psi	IEC 811-1-1
Tensile Elongation ² (Break)	300	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	94		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Thermal Stability (374°F)	> 2	hr	BS 2782
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength (277°F, 168 hr)	10	%	ASTM D638
Change in Ultimate Elongation (277°F, 168 hr)	30	%	ASTM D638
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity (68°F)	5.0E+14	ohms·cm	BS 2782

Notes

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

² 9.8 in/min

Revision Date: 10/9/2014

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