

- Flexible Polyvinyl Chloride

Thursday, June 29, 2017

General Information

General

Material Status	• Commercial: Active
Availability	• Asia Pacific
Features	• Good Stiffness
Uses	• Wire & Cable Applications
Wire Types	• V-90
Agency Ratings	• AS 3147-1992
Forms	• Pellets
Processing Method	• Extrusion

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.36		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	2320	psi	IEC 811-1-1
Tensile Elongation ² (Break)	320	%	IEC 811-1-1
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	74		ASTM D2240
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength (239°F, 504 hr)	20	%	AS 3147/3191
Change in Ultimate Elongation (239°F, 504 hr)	30	%	AS 3147/3191

Notes

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

² 9.8 in/min

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