

- Flexible Polyvinyl Chloride

Thursday, June 29, 2017

General Information

General

Material Status	• Commercial: Active
Availability	• Asia Pacific
Features	• High Stiffness
Uses	• Appliance Wire Insulation
Forms	• Pellets
Processing Method	• Extrusion

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.49		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	2470	psi	IEC 811-1-1
Tensile Elongation (Break)	280	%	IEC 811-1-1
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	90		ASTM D2240
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength ² (180°F, 168 hr)	10	%	IEC 811-1-2
Change in Ultimate Elongation ² (180°F, 168 hr)	15	%	IEC 811-1-2

Notes

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

² Congo Red

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Revision Date: 10/9/2014

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