

- Flexible Polyvinyl Chloride

Thursday, June 29, 2017

General Information

General

Material Status	• Commercial: Active
Availability	• Asia Pacific
Features	• High Strength
Uses	• Electrical/Electronic Applications
Forms	• Pellets
Processing Method	• Injection Molding

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.44		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield)	2560	psi	ASTM D638
Tensile Elongation ² (Break)	160	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	94		ASTM D2240
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength (212°F, 168 hr)	10	%	ASTM D638
Change in Ultimate Elongation (212°F, 168 hr)	20	%	ASTM D638

Notes

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

² 9.8 in/min

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