

- Flexible Polyvinyl Chloride

Thursday, June 29, 2017

General Information

General

Material Status	• Commercial: Active
Availability	• Asia Pacific
Features	• Directional Tear (TD)
Uses	• Appliance Wire Jacketing
Forms	• Pellets
Processing Method	• Extrusion

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.66		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield)	943	psi	ASTM D638
Tensile Elongation ² (Break)	160	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness	81		ASTM D2240
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength (239°F, 504 hr)	25	%	ASTM D638
Change in Ultimate Elongation (239°F, 504 hr)	35	%	ASTM D638

Notes

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

² 9.8 in/min

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