

- Flexible Polyvinyl Chloride

Friday, June 30, 2017

**General Information**

**General**

Material Status	• Commercial: Active
Availability	• Asia Pacific
Features	• Radiation (Gamma) Resistant
Uses	• Connectors
Forms	• Pellets
Processing Method	• Injection Molding

**ASTM & ISO Properties <sup>1</sup>**

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.26		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>2</sup> (Yield)	2610	psi	ASTM D638
Tensile Elongation (Break)	260	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	89		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Heat Stability (374°F)	> 30.0	min	ASTM D2115-92

**Notes**

<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> 20 in/min

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*In U.S. for Vinyls, TPEs, Colorants,  
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