

**- Flexible Polyvinyl Chloride**

Thursday, June 29, 2017

**General Information**

**General**

Material Status	• Commercial: Active
Availability	• Asia Pacific
Uses	• Footwear                      • General Purpose
Forms	• Pellets
Processing Method	• Injection Molding

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

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.24		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>2</sup> (Yield)	1780	psi	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	380	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	62		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Thermal Stability <sup>3</sup> (374°F)	> 50	min	BS 2782

**Notes**

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

<sup>2</sup> 9.8 in/min

<sup>3</sup> Congo Red

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