

## - Flexible Polyvinyl Chloride

Thursday, June 29, 2017

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

ASTM & ISO Properties <sup>1</sup>				
Physical	Nominal Value	Unit	Test Method	
Specific Gravity	1.20		ASTM D792	
Mechanical	Nominal Value	Unit	Test Method	
Tensile Strength <sup>2</sup> (Yield)	1850	psi	ASTM D638	
Tensile Elongation <sup>2</sup> (Break)	370	%	ASTM D638	
Hardness	Nominal Value	Unit	Test Method	
Durometer Hardness (Shore A)	65		ASTM D2240	
Thermal	Nominal Value	Unit	Test Method	
Thermal Stability <sup>3</sup> (374°F)	> 1	hr	BS 2782	

## **Notes**

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

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<sup>&</sup>lt;sup>2</sup> 9.8 in/min

<sup>&</sup>lt;sup>3</sup> Congo Red