

## - Flexible Polyvinyl Chloride

Thursday, June 29, 2017

General Information				
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Material Status	Commercial: Active			
Availability	Asia Pacific			
Features	Food Contact Acceptable Non-Toxic			
Uses	Hose Tubing			
Forms	Pellets			
Processing Method	Extrusion			

ASTM & ISO Properties <sup>1</sup>				
Physical	Nominal Value	Unit	Test Method	
Specific Gravity	1.25		ASTM D792	
Mechanical	Nominal Value	Unit	Test Method	
Tensile Strength <sup>2</sup> (Yield)	2420	psi	ASTM D638	
Tensile Elongation <sup>2</sup> (Break)	320	%	ASTM D638	
Hardness	Nominal Value	Unit	Test Method	
Durometer Hardness (Shore A)	80		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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