500

- Flexible Polyvinyl Chloride

Thursday, June 29, 2017

General Information

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

ASTM & ISO Properties [1]

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.23		ASTM D792
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength [2] (Yield)	2420	psi	ASTM D638
Tensile Elongation [2] (Break)	300	%	ASTM D638
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore A)	82		ASTM D2240
Thermal	**Nominal Value**	**Unit**	**Test Method**
Thermal Stability [3] (338°F)	> 50	min	BS 2782

Notes

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

[2] 9.8 in/min

[3] Congo Red

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