

- Flexible Polyvinyl Chloride

Thursday, June 29, 2017

General Information

General

Material Status	• Commercial: Active
Availability	• Asia Pacific
Features	• Good Stiffness
Uses	• Garden Hose
Forms	• Granules
Processing Method	• Extrusion

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.21		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	1560	psi	ASTM D638
Tensile Elongation (Break)	400	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	56		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Thermal Stability ² (374°F)	30	min	BS 2782

Notes

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

² Congo red@ 190 deg C

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*In U.S. for Vinyls, TPEs, Colorants,
Engineered Thermoplastics (Chem Polymer)*

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Revision Date: 1/4/2013

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