

## - Flexible Polyvinyl Chloride

Thursday, June 29, 2017

General Information				
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Material Status	Commercial: Active			
Availability	Asia Pacific			
Uses	Garden Hose			
Forms	Pellets			
Processing Method	Extrusion			

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ASTM & ISO Properties <sup>1</sup>				
Physical	Nominal Value	Unit	Test Method	
Specific Gravity	1.26		ASTM D792	
Mechanical	Nominal Value	Unit	Test Method	
Tensile Strength <sup>2</sup> (Yield)	2130	psi	ASTM D638	
Tensile Elongation <sup>2</sup> (Break)	320	%	ASTM D638	
Hardness	Nominal Value	Unit	Test Method	
Durometer Hardness (Shore A)	69		ASTM D2240	
Thermal	Nominal Value	Unit	Test Method	
Thermal Stability <sup>3</sup> (374°F)	> 30	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

## Teknor Apex Company **Corporate Headquarters**

505 Central Avenue

Phone: 401-725-8000 Fax: 401-725-8095

In U.S. for Vinyls, TPEs, Colorants,

Pawtucket, Rhode Island 02861 U.S.

Toll Free (U.S. only) 800-556-3864

## Teknor Apex U.K. Ltd.

Tat Bank Road Oldbury, West Midlands B69 4NH England Engineered Thermoplastics (Chem Polymer)

Phone: (44) 121-665-2100 Fax: (44) 121-544-5530

etpsales@teknorapex.co.uk

info@teknorapex.com



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