- Flexible Polyvinyl Chloride

Thursday, June 29, 2017

General Information

General

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

ASTM & ISO Properties [1]

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.24		ASTM D792
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength [2] (Yield)	2700	psi	ASTM D638
Tensile Elongation [2] (Break)	300	%	ASTM D638
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore A)	80		ASTM D2240
Thermal	**Nominal Value**	**Unit**	**Test Method**
Thermal Stability [3] (374°F)	> 30	min	BS 2782

Notes

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

[2] 9.8 in/min

[3] Congo Red

Teknor Apex Company
Corporate Headquarters

In U.S. for Vinyls, TPEs, Colorants,
Engineered Thermoplastics (Chem Polymer)
505 Central Avenue
Pawtucket, Rhode Island 02861 U.S.

Phone: 401-725-8000
Fax: 401-725-8095
Toll Free (U.S. only) 800-556-3864

info@teknorapex.com

Teknor Apex U.K. Ltd.

Tat Bank Road
Oldbury, West Midlands B69 4NH England

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

etpsales@teknorapex.co.uk

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