

## APEX® 582 Teknor Apex Company - Flexible Polyvinyl Chloride

Friday, June 30, 2017

## **General Information**

## **Product Description**

Applications include tubing, sheet and film, wire coating, and strip doors.

Material Status       • Commercial: Active         Availability       • Africa & Middle East • Asia Pacific       • Europe • Latin America       • North America         Features       • General Purpose       • Connectors • Grommets       • Strain Reliefs • Tubing       • Wire Jack         Wire Types       • SPT       • UL 498       • UL 62	
Availability     • Asia Pacific     • Latin America     • North America       Features     • General Purpose       Uses     • Connectors     • Strain Reliefs       • Grommets     • Tubing       Wire Types     • SPT	
Uses        • Connectors • Grommets       • Strain Reliefs • Tubing       • Wire Jack        Wire Types        • SPT	nerica
Uses     • Grommets     • Tubing     • Wire Jack       Wire Types     • SPT	
	keting
Agency Ratings • UL 498 • UL 62	
RoHS Compliance • RoHS Compliant	
Appearance  • Clear/Transparent	
Forms • Pellets	
Processing Method • Injection Molding	

ASTM & ISO Properties <sup>1</sup>			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.16		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	1750	psi	ASTM D638
Tensile Elongation (Break)	450	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	65		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	140	°F	ASTM D794
Brittleness Temperature	-47.2	°F	ASTM D746

## Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

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