

APEX[®] 590 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.

General			
Material Status	Commercial: Active		
Availability	 Africa & Middle East Asia Pacific	EuropeLatin America	North America
Features	General Purpose		
Uses	Tubing	Wire Jacketing	
Wire Types	• SPT-1		
Agency Ratings	• UL 498	• UL 62	
RoHS Compliance	 RoHS Compliant 		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Injection Molding		

ASTM & ISO Properties ¹				
Physical	Nominal Value	Unit	Test Method	
Specific Gravity	1.25		ASTM D792	
Mechanical	Nominal Value	Unit	Test Method	
Tensile Strength (Break)	3200	psi	ASTM D638	
Tensile Elongation (Break)	330	%	ASTM D638	
Hardness	Nominal Value	Unit	Test Method	
Durometer Hardness (Shore A, 15 sec)	90		ASTM D2240	
Thermal	Nominal Value	Unit	Test Method	
Continuous Use Temperature	140	°F	ASTM D794	
Brittleness Temperature	1.40	°F	ASTM D746	

Notes

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

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Revision Date: 12/12/2013

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