

APEX® 65007 Teknor Apex Company - Flexible Polyvinyl Chloride

Friday, June 30, 2017

General Information

General				
Material Status	Commercial: Active			
Availability	 Africa & Middle East Asia Pacific	EuropeLatin America	North America	
Uses	Wire & Cable Applications			
RoHS Compliance	 RoHS Compliant 			
Appearance	Opaque			
Forms	Pellets			

ASTM & ISO Properties ¹					
Physical	Nominal Value	Unit	Test Method		
Specific Gravity	1.54		ASTM D792		
Mechanical	Nominal Value	Unit	Test Method		
Tensile Strength (Break)	2050	psi	ASTM D638		
Tensile Elongation (Break)	280	%	ASTM D638		
Hardness	Nominal Value	Unit	Test Method		
Durometer Hardness (Shore A, 15 sec)	86		ASTM D2240		
Thermal	Nominal Value	Unit	Test Method		
Continuous Use Temperature	194	°F	ASTM D794		
Brittleness Temperature	-16.6	°F	ASTM D746		
Electrical	Nominal Value	Unit	Test Method		
Dielectric Constant			ASTM D150		
1 kHz	5.21				
1 MHz	3.65				
Dissipation Factor			ASTM D150		
1 kHz	0.11				
1 MHz	0.068				
Flammability	Nominal Value	Unit	Test Method		
Oxygen Index	39	%	ASTM D2863		

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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