

TEKNOR APEX

APEX[®] 65011

Teknor Apex Company - Flexible Polyvinyl Chloride

General Information				
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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	
Density / Specific Gravity	1.54		ASTM D792	
Mechanical	Nominal Value	Unit	Test Method	
Tensile Strength (Break)	2460	psi	ASTM D638	
Tensile Elongation (Break)	290	%	ASTM D638	
Hardness	Nominal Value	Unit	Test Method	
Durometer Hardness (Shore C, 10 sec)	72		ASTM D2240	
Thermal	Nominal Value	Unit	Test Method	
Continuous Use Temperature	167	°F	ASTM D794	
Brittleness Temperature	12.2	°F	ASTM D746	
Electrical	Nominal Value	Unit	Test Method	
Dielectric Constant			ASTM D150	
1 kHz	4.96			
1 MHz	3.56			
Dissipation Factor			ASTM D150	
1 kHz	0.078			
1 MHz	0.048			
Flammability	Nominal Value	Unit	Test Method	
Oxygen Index	40	%	ASTM D2863	

Notes

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

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Wednesday, August 28, 2019

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