



APEX® 4302 Teknor Apex Company - Flexible Polyvinyl Chloride

Wednesday, August 28, 2019

General Information					
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Material Status	Commercial: Active				
Availability	 Africa & Middle East Asia Pacific	EuropeLatin America	North America		
Features	Flame Retardant				
Uses	Communication Wire Jack	eting • Telephone Retractile Co Jacketing	ord		
RoHS Compliance	 RoHS Compliant 				
Appearance	Opaque				
Forms	Pellets				
Processing Method	Extrusion				

ASTM & ISO Properties ¹				
Physical	Nominal Value	Unit	Test Method	
Density / Specific Gravity	1.24		ASTM D792	
Mechanical	Nominal Value	Unit	Test Method	
Tensile Strength (Break)	2190	psi	ASTM D638	
Tensile Elongation (Break)	400	%	ASTM D638	
Hardness	Nominal Value	Unit	Test Method	
Durometer Hardness (Shore A, 15 sec)	75		ASTM D2240	
Thermal	Nominal Value	Unit	Test Method	
Continuous Use Temperature	176	°F	ASTM D794	
Brittleness Temperature	-45.4	°F	ASTM D746	
Flammability	Nominal Value	Unit	Test Method	
Oxygen Index	27	%	ASTM D2863	
Additional Information				

Temperature Rating: 80 °C

UL Sunlight Resistance Recognition: No

Ultimate Elongation Retained, UL 1581, Oven Aged, 7 days, 100°C: 97 %

Tensile Strength Retained, UL 1581, Oven Aged, 7 days, 100°C: 110 %

Processing Information			
Extrusion	Nominal Value Unit		
Melt Temperature	345 °F		

Notes

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

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