

APEX® 55303

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	General Purpose				
Uses	Communication Wire Jacketing Telephone Retractile Cord Jacketing				
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)	3000	psi	ASTM D638	
Tensile Elongation (Break)	370	%	ASTM D638	
Hardness	Nominal Value	Unit	Test Method	
Durometer Hardness (Shore A, 15 sec)	85		ASTM D2240	
Thermal	Nominal Value	Unit	Test Method	
Brittleness Temperature	-31.0	°F	ASTM D746	
Flammability	Nominal Value	Unit	Test Method	
Oxygen Index	24	%	ASTM D2863	

Additional Information

General purpose hard jacket rectile cords having copper connectors

Formerly Apex 303

Temperature Rating: 80 °C

UL Sunlight Resistance Recognition: No

Ultimate Elongation Retained, UL 1581, Oven Aged, 7 days, 113°C: 90 %

Tensile Strength Retained, UL 1581, Oven Aged, 7 days, 113°C: 107 %

Processing Information			
Extrusion	Nominal Value Unit		
Melt Temperature	360 °F		

Notes

The information and recommendations contained in this bulletin are, to the best of our knowledge, accurate and reliable but no guarantee of their accuracy is made. All products are sold upon condition that purchasers shall make their own tests to determine the suitability of such products for their particular purposes and uses and purchasers assume all risks and liability for the results of use of the products, including use in accordance with seller's recommendations. Nothing in this bulletin constitutes permission or a recommendation to practice or use any invention covered by any patent owned by this company or by others. There is no warranty of merchantability and there are no other warranties for the products described.

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