

APEX® 155

Teknor Apex Company - Flexible Polyvinyl Chloride

Friday, June 30, 2017

General Information

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Sunlight Resistant (720 hours)	• UV Resistant	
Uses	• Building Wire Jacketing	• Wire & Cable Applications	
Wire Types	• NMB	• SEC	
Agency Ratings	• UL QMTT2		
RoHS Compliance	• RoHS Compliant		
Appearance	• Opaque		
Forms	• Pellets		
Processing Method	• Extrusion		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.40		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (100% Strain)	1230	psi	ASTM D638
Tensile Strength (Break)	2050	psi	ASTM D638
Tensile Elongation (Break)	390	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	80		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	176	°F	ASTM D794
Brittleness Temperature	-23.8	°F	ASTM D746

Additional Information

Sunlight Resistant only available in gray or black.
 Prime jacket
 Temperature Rating: 80 °C
 UL Recognized Insulation: No
 UL Sunlight Resistance Recognition: 720 hr

Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	355	°F

Notes

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



Revision Date: 12/12/2013

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