



APEX® 80328-Y

Teknor Apex Company - Flexible Polyvinyl Chloride

General Information

General

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

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.43		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	2400	psi	ASTM D638
Tensile Elongation (Break)	320	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	85		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	167	°F	ASTM D794
Brittleness Temperature	-20.2	°F	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Dielectric Constant			ASTM D150
1 kHz	5.19		
1 MHz	3.58		
Dissipation Factor			IEC 60250
1 kHz	0.070		
1 MHz	0.068		
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	23	%	ASTM D2863

Notes

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