



APEX® 92-A2292C-90

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	• Flame Retardant	• High Heat Resistance	
Uses	• Cable Jacketing		
Wire Types	• Molded Components		
Agency Ratings	• UL QMFZ2		
RoHS Compliance	• RoHS Compliant		
Appearance	• Opaque		
Forms	• Pellets		
Processing Method	• Injection Molding		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.35		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	2600	psi	ASTM D638
Tensile Elongation (Break)	290	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	90		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	221	°F	ASTM D794
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index (CTI) (0.0945 in)	PLC 0		UL 746
High Amp Arc Ignition (HAI)			UL 746
0.06 in	PLC 0		
0.09 in	PLC 0		
Hot-wire Ignition (HWI)			UL 746
0.06 in	PLC 1		
0.09 in	PLC 1		
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
0.06 in, ALL	V-2		
0.09 in, ALL	V-1		
0.09 in, BK	V-0		
0.09 in, RD	V-0		
Oxygen Index	27	%	ASTM D2863

Notes

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