



APEX® 1585

Teknor Apex Company - Flexible Polyvinyl Chloride

General Information

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Uses	• Connectors • Grommets	• Plugs • Strain Reliefs	
Wire Types	• Molded Components		
Agency Ratings	• UL QMFZ2		
RoHS Compliance	• RoHS Compliant		
Appearance	• Clear/Transparent		
Forms	• Pellets		
Processing Method	• Injection Molding		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.21		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	2350	psi	ASTM D638
Tensile Elongation (Break)	410	%	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	140	°F	ASTM D794
Brittleness Temperature	-34.6	°F	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index (CTI) (0.118 in)	PLC 0		UL 746
Hot-wire Ignition (HWI)			UL 746
0.030 in	PLC 3		
0.05 in	PLC 3		
0.12 in	PLC 3		
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
0.030 in	HB		
0.06 in	HB		
0.12 in	HB		

Additional Information

Temperature Rating: 60 °C

Processing Information

Injection	Nominal Value	Unit
Processing (Melt) Temp	355	°F

Notes

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