



APEX® 65002

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		
Uses	• Communication Wire Jacketing		
Wire Types	• CL2 • CL3	• CM • FPL	• MP • OFN
Agency Ratings	• NEC Article 725 • NEC Article 760 • NEC Article 770	• NEC Article 800 • UL 13 • UL 1424	• UL 444
RoHS Compliance	• RoHS Compliant		
Appearance	• Opaque		
Forms	• Pellets		
Processing Method	• Extrusion		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.31		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	3200	psi	ASTM D638
Tensile Elongation (Break)	340	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore C, 10 sec)	73		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-18.4	°F	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	30	%	ASTM D2863

Additional Information

Non-lead
Formerly 95-A0542E-99
Temperature Rating: 105 °C
UL Sunlight Resistance Recognition: No

Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	375	°F

Notes

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