



APEX® 04-A0300A-110 UVFG

Teknor Apex Company - Semi-Rigid Polyvinyl Chloride

General Information

General			
Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Latin America • North America	
Features	• Flame Retardant • Fungus Resistant • High Gloss	• Low Temperature Resistant • Microbe Resistant • Plasticized	• Semi Rigid • UV Stabilized
Uses	• Appliance Wire Insulation • Communication Wire Insulation • Fiber Optic Cable	• Flame Retardant Insulation • Insulation • Optical Cable Insulation	• Solid Insulation • Thin-walled Insulation
Wire Types	• AWM • CAT-3 • CL2 • CL2R • CL3	• CL3R • CM • CMG • CMR • CMX	• ITC • OFN • OFNR • PLTC
Agency Ratings	• UL 13 • UL 1651 • UL 1666	• UL 1685 • UL 2250 • UL 444	• UL 758 • UL CL2
Regulatory Statement	• Due to the frequent updates to regulations, specifically, California Proposition 65, EU REACH SVHCs, and RoHS, please contact Teknor Apex for the most up to date compliance statement, or refer to section 15 of the product SDS.		
Appearance	• Colors Available	• Glossy Finish	• Opaque
Forms	• Pellets		
Processing Method	• Wire & Cable Extrusion		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.32		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	3610	psi	ASTM D638
Tensile Elongation (Break)	330	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 10 sec, Hand Held)	59		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	176	°F	ASTM D794
Brittleness Temperature	-22.0	°F	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+13	ohms·cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	33	%	ASTM D2863

Additional Information

Data Sheet Applies to Colors Listed Below:

Natural (1030292)

Black 520 (1036654)

4/20-lc