



APEX® 70021

Teknor Apex Company - Flexible Polyvinyl Chloride

General Information

General			
Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Latin America • North America	
Features	• Flame Retardant	• Oil Resistant	• Plasticized
Uses	• Appliance Wire Jacketing • Cable Jacketing • Electronic Cable Jacketing	• Flame Retardant Jacketing • Flexible Jacketing • Industrial Cable Jacketing	• Jacketing
Wire Types	• AWM • CL2 • CL3	• FT-4 • ITC • PLTC	• TC
Agency Ratings	• UL 1277 • UL 13 • UL 1685	• UL 2250 • UL 758 • UL CL2	• UL I Oil Rating
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	• Opaque	
Forms	• Pellets		
Processing Method	• Wire & Cable Extrusion		

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 (100% Strain)	1990	psi	ASTM D638
Tensile Strength (Break)	2780	psi	ASTM D638
Tensile Elongation (Break)	300	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, 15 sec, Operating Stand	85		
Shore C, 10 sec, Hand Held	64		
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	221	°F	ASTM D794
Brittleness Temperature	-20.2	°F	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	37	%	ASTM D2863

Additional Information

Data Sheet Applies to Color Listed Below:
Natural (1142506)

4/20-lc

Notes

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