



APEX® 65039

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	• Plasticized	
Uses	• Communication Cable Jacketing • Electronic Cable Jacketing • Fiber Optic Cable Jacketing	• Flame Retardant Jacketing • Flexible Jacketing • Jacketing	• Security Cable Jacketing
Wire Types	• CAT-5 • CAT-5e • CAT-6 • CAT-6e	• CL2R • CL3R • CMR • FPLR	• FT-4 • OFNR
Agency Ratings	• UL 13 • UL 1424	• UL 1651 • UL 1666	• UL 444 • 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	• Opaque	
Forms	• Pellets		
Processing Method	• Wire & Cable Extrusion		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.60		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	2380	psi	ASTM D638
Tensile Elongation (Break)	300	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore C, 10 sec, Hand Held	76		
Shore D, 10 sec, Operating Stand	51		
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	167	°F	ASTM D794
Brittleness Temperature	14.0	°F	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	3.8E+13	ohms·cm	ASTM D257
Dielectric Constant			ASTM D150
100 MHz	3.56		
250 MHz	3.52		
500 MHz	3.49		
Dissipation Factor			ASTM D150
100 MHz	0.017		
250 MHz	0.014		
500 MHz	0.012		
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	44	%	ASTM D2863

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Additional Information

Data Sheet Applies to Color Listed Below:
Natural (1121927)

7/24-lc

Notes

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