+135-3858-6433 (GuangDong)
+188-1699-6168 (ShangHai)
+852-6957-5415 (HongKong)

TEKNOR APEX

APEX® 65014

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	• Low Temperature Resistant	• Plasticized
Uses	• Cable Jacketing • Communication Cable Jacketing • Electronic Cable Jacketing	• Fiber Optic Cable • Fiber Optic Cable Jacketing • Flame Retardant Jacketing	• Jacketing
Wire Types	• CAT-3 • CAT-5 • CAT-5e • CL2 • CL2R	• CL3 • CL3R • CM • CMR • FPL	• FPLR • OFN • OFNR
Agency Ratings	• UL 13 • UL 1424	• 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	1.53		ASTM D792
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Break)	2500	psi	ASTM D638
Tensile Elongation (Break)	290	%	ASTM D638
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore C, 10 sec)	74		ASTM D2240
Thermal	**Nominal Value**	**Unit**	**Test Method**
Continuous Use Temperature	194	°F	ASTM D794
Brittleness Temperature	-20.2	°F	ASTM D746
Electrical	**Nominal Value**	**Unit**	**Test Method**
Volume Resistivity			ASTM D257
73°F	3.4E+13	ohms·cm	
122°F	6.9E+9	ohms·cm	
Dielectric Constant			ASTM D150
100 MHz	3.36		
250 MHz	3.30		
500 MHz	3.27		
Dissipation Factor			ASTM D150
100 MHz	0.024		
250 MHz	0.019		
500 MHz	0.016		

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Flammability	Nominal Value	Unit	Test Method
Oxygen Index	40	%	ASTM D2863

Additional Information
Data Sheet Applies to Color Listed Below:
Natural (1028845)
Black 1 (1120590)
8/24-lc

Notes

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