



APEX® 716

Teknor Apex Company - Flexible Polyvinyl Chloride

General Information

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Latin America • North America	
Features	• High Gloss	• Plasticized	
Uses	• Appliance Wire Jacketing • Cable Jacketing	• Flexible Cord Insulation • Flexible Cord Jacketing	• Flexible Jacketing • Jacketing
Wire Types	• AWM • SPT	• SPT-1 • SPT-2	• SPT-3
Agency Ratings	• UL 62	• UL 758	
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	• Clear/Transparent	• Colors Available	
Forms	• Pellets		
Processing Method	• Wire & Cable Extrusion		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.21		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	2700	psi	ASTM D638
Tensile Elongation (Break)	340	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec, Hand Held)	85		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	221	°F	ASTM D794
Brittleness Temperature	-36.4	°F	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+12	ohms·cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	23	%	ASTM D2863

Additional Information

Data Sheet Applies to Colors Listed Below:

Clear 1 (0702454)

Clear Blue 1 (0213959)

Clear Blue B4 (0110132)

Clear Yellow 26 (0405922)

Water Clear (0214163)

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Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	360	°F