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

TEKNOR APEX

APEX® 154

Teknor Apex Company - Flexible Polyvinyl Chloride

General Information

General			
Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Uses	• Military Cable Jacketing	• Non-flexible Jacketing	
Wire Types	• Molded Components		
Agency Ratings	• MIL C-915-C		
RoHS Compliance	• RoHS Compliant		
Appearance	• Opaque		
Forms	• Pellets		
Processing Method	• Extrusion		

ASTM & ISO Properties [1]

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.37		ASTM D792
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Break)	1900	psi	ASTM D638
Tensile Elongation (Break)	390	%	ASTM D638
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore A, 15 sec)	80		ASTM D2240
Thermal	**Nominal Value**	**Unit**	**Test Method**
Continuous Use Temperature	176	°F	ASTM D794
Brittleness Temperature	-31.0	°F	ASTM D746
Flammability	**Nominal Value**	**Unit**	**Test Method**
Oxygen Index	23	%	ASTM D2863

Additional Information

UL Sunlight Resistance Recognition: No
Ultimate Elongation Retained, UL 1581, Oven Aged, 7 days, 100°C: 95 %
Tensile Strength Retained, UL 1581, Oven Aged, 7 days, 100°C: 106 %
Ultimate Elongation Retained, UL 1581, Oven Aged, 7 days, 113°C: 85 %
Tensile Strength Retained, UL 1581, Oven Aged, 7 days, 113°C: 113 %

Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	355	°F

Notes

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