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

TEKNOR APEX

APEX® P-55001

Teknor Apex Company - Polyvinyl Chloride + PUR

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 • Electronic Cable Jacketing	• Flame Retardant Jacketing • Flexible Jacketing	• Industrial Cable Jacketing • Jacketing
Wire Types	• AWM • CL2 • CL3 • CM	• FPL • FT-4 • ITC • OFN	• PLTC • TC
Agency Ratings	• UL 1277 • UL 13 • UL 1424	• UL 1685 • UL 2250 • UL 444	• 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	• Colors Available	• Opaque	
Forms	• Pellets		
Processing Method	• Wire & Cable Extrusion		

ASTM & ISO Properties [1]

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.41	g/cm³	ASTM D792
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Break)	22.5	MPa	ASTM D638
Tensile Elongation (Break)	370	%	ASTM D638
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore A, 15 sec, Hand Held)	86		ASTM D2240
Thermal	**Nominal Value**	**Unit**	**Test Method**
Continuous Use Temperature	90.0	°C	ASTM D794
Brittleness Temperature	-53.0	°C	ASTM D746
Electrical	**Nominal Value**	**Unit**	**Test Method**
Volume Resistivity (50°C)	2.2E+9	ohms·cm	ASTM D257
Dielectric Constant			ASTM D150
1 kHz	5.31		
1 MHz	3.68		
Dissipation Factor			ASTM D150
1 kHz	0.12		
1 MHz	0.074		
Flammability	**Nominal Value**	**Unit**	**Test Method**
Oxygen Index	31	%	ASTM D2863

Additional Information

Data Sheet Applies to Color(s) Listed Below:
Natural (1056371)

10/19 Core