



APEX® 130-P

Teknor Apex Company - Flexible Polyvinyl Chloride

General Information

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Flame Retardant	• Sunlight Resistant (720 hours)	
Uses	• Flexible Cord Jacketing		
Wire Types	• SJTW • SRDT	• STW • SVT	
Agency Ratings	• UL QMTT2		
RoHS Compliance	• RoHS Compliant		
Appearance	• Opaque		
Forms	• Pellets		
Processing Method	• Extrusion		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.38		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.8	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	2180	psi	ASTM D638
Tensile Elongation (Break)	350	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	81		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	167	°F	ASTM D794
Brittleness Temperature	-20.2	°F	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	26	%	ASTM D2863

Additional Information

UL Recognized Component as PVC 300 Hour Sunlight Resistant Jacket Compound, QMTT2.
 UL Recognized Component as PVC 720 Hour Sunlight Resistant Insulation and Jacket Compounds, QMTT2.
 Temperature Rating: 80 °C
 UL Sunlight Resistance Recognition: Yes
 Ultimate Elongation Retained, UL 1581, Oven Aged, 7 days, 113°C: 89 %
 Tensile Strength Retained, UL 1581, Oven Aged, 7 days, 113°C: 103 %

Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	355	°F

Notes

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