



APEX® P-55003

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 Impact Resistance	• Low Temperature Resistant • Oil Resistant	• Plasticized
Uses	• Appliance Wire Jacketing • Cable Jacketing • Electronic Cable Jacketing	• Flame Retardant Jacketing • Flexible Jacketing • Industrial Cable Jacketing	• Jacketing
Wire Types	• AWM • CL2 • CL3	• FT-4 • PLTC • TC	• VW-1
Agency Ratings	• UL 1277 • UL 13	• UL 758 • UL CL2	• UL I Oil Rating • UL II Oil Rating
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	1.33		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	3600	psi	ASTM D638
Tensile Elongation (Break)	420	%	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	194	°F	ASTM D794
Brittleness Temperature	-70.6	°F	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	32	%	ASTM D2863

Additional Information

- Oil Rating 4 Days @ 100C, 0.030" thick plaques
- Retention of Tensile Strength: 100% UL1277
 - Retention of Elongation: 93% UL1277
- Oil Rating 60 Days @ 75C, 0.030" thick plaques
- Retention of Tensile Strength: 98% UL1277
 - Retention of Elongation: 87% UL1277

Data Sheet Applies to Colors Listed Below:

Natural (1071662)

Black 1 (1070039)

11/19-lc