



APEX® 84459

Teknor Apex Company - Flexible Polyvinyl Chloride

General Information			
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Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Flame Retardant	• Low to No Migration	• Oil Resistant
Uses	• Insulation		
Wire Types	• AWM		
Agency Ratings	• UL 1063	• UL 1581	• UL 62
RoHS Compliance	• RoHS Compliant		
Appearance	• Opaque		
Forms	• Pellets		
ASTM & ISO Properties ¹			
Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.41		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	2700	psi	ASTM D638
Tensile Elongation (Break)	290	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore C, 10 sec)	67		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	221	°F	ASTM D794
Brittleness Temperature	15.8	°F	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	28	%	ASTM D2863

Notes

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