

APEX® 94-A0055A-80

Teknor Apex Company - Flexible Polyvinyl Chloride

Wednesday, August 28, 2019

General Information

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
RoHS Compliance	• RoHS Compliant		
UL File Number	• E54709		
Forms	• Pellets		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.21		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	2300	psi	ASTM D638
Tensile Elongation (Break)	390	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	78		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-34.6	°F	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index (CTI) (0.118 in)	PLC 0		UL 746
Hot-wire Ignition (HWI)			UL 746
0.030 in	PLC 3		
0.06 in	PLC 3		
0.12 in	PLC 3		
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
0.030 in, ALL	HB		
0.06 in, ALL	HB		
0.12 in, ALL	HB		

Notes

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