



APEX® 7500-90

Teknor Apex Company - Flexible Polyvinyl Chloride

General Information

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Latin America • North America	
Features	• Flame Retardant	• Plasticized	
Uses	• Connectors • Electrical Parts	• Electrical/Electronic Applications • Grommets	• Plugs
Agency Ratings	• UL 498 • UL 817	• UL 94 • UL QMFZ2	
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	• Clear/Transparent	• Colors Available	• Glossy Finish
Forms	• Pellets		
Processing Method	• Injection Molding	• Overmolding	

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.24		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	3000	psi	ASTM D638
Tensile Elongation (Break)	230	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore C, 10 sec)	65		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	221	°F	ASTM D794
Brittleness Temperature	-18.4	°F	ASTM D746
RTI Elec (0.06 in)	122	°F	UL 746B
RTI Imp (0.06 in)	122	°F	UL 746B
RTI Str (0.06 in)	122	°F	UL 746B
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.06 in)	HB		UL 94
Oxygen Index	23	%	ASTM D2863

Additional Information

Data Sheet Applies to Colors Listed Below:

Water Clear (0109488)

Black 1 (1010230)

3/20-lc

Notes

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