

APEX® 7500-75

Flexible Polyvinyl Chloride

Teknor Apex Company

Message:

APEX® 7500-75 is a Flexible Polyvinyl Chloride material. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America for injection molding.

Important attributes of APEX® 7500-75 are:

Flame Rated

RoHS Compliant

Heat Resistant

Typical applications include:

Wire & Cable

Engineering/Industrial Parts

Electrical/Electronic Applications

General Information			
UL YellowCard	E142591-543059	E54709-245306	
Features	High Heat Resistance		
Uses	Connectors		
	Grommets		
	Plugs		
	Strain Reliefs		
Wire Types	Molded Components		
Agency Ratings	UL QMFZ2 .E54709		
RoHS Compliance	RoHS Compliant		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.19	g/cm³	ASTM D792
Molding Shrinkage - Flow	1.0 to 1.2	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	75		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	14.0	MPa	ASTM D638
Tensile Elongation (Break)	390	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	40.6	°C	ASTM D794
Brittleness Temperature	-40.0	°C	ASTM D746
RTI Elec (1.50 mm)	50.0	°C	UL 746
RTI Imp (1.50 mm)	50.0	°C	UL 746
RTI Str (1.50 mm)	50.0	°C	UL 746

Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.50 mm)	HB		UL 94
Oxygen Index	22	%	ASTM D2863
Injection	Nominal Value	Unit	
Processing (Melt) Temp	174	°C	

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Recommended distributors for this material

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