

APEX® 92-A2292C-90

Flexible Polyvinyl Chloride

Teknor Apex Company

Message:

APEX® 92-A2292C-90 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® 92-A2292C-90 are:

Flame Rated

RoHS Compliant

Flame Retardant

Heat Resistant

Typical application of APEX® 92-A2292C-90: Wire & Cable

General Information			
UL YellowCard	E54709-245340	E142591-543093	
Features	Flame Retardant		
	High Heat Resistance		
Uses	Cable Jacketing		
Wire Types	Molded Components		
Agency Ratings	UL QMFZ2 .E54709		
RoHS Compliance	RoHS Compliant		
Appearance	Opaque		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	90		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	17.9	MPa	ASTM D638
Tensile Elongation (Break)	290	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	105	°C	ASTM D794
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index (CTI) (2.40 mm)	PLC 0		UL 746
High Amp Arc Ignition (HAI)			UL 746
1.50 mm	PLC 0		
2.40 mm	PLC 0		
Hot-wire Ignition (HWI)			UL 746
1.50 mm	PLC 1		
2.40 mm	PLC 1		

Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.50 mm, ALL	V-2		
2.40 mm, ALL	V-1		
2.40 mm, BK	V-0		
2.40 mm, RD	V-0		
Oxygen Index	27	%	ASTM D2863

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Recommended distributors for this material

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