

APEX® 77-W115-B

Flexible Polyvinyl Chloride

Teknor Apex Company

Message:

APEX® 77-W115-B is a flexible polyvinyl chloride material. This product is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. The processing method is injection molding.

APEX® The main features of 77-W115-B are:

flame retardant/rated flame

Flame Retardant

chemical resistance

Typical application areas include:

Wire and cable

engineering/industrial accessories

Electrical/electronic applications

General Information			
UL YellowCard	E54709-245339	E142591-543092	
Features	Oil resistance		
	Mobility Low to None		
	Flame retardancy		
Uses	Plug		
	Washer		
	Connector		
	Fatigue elimination supplies		
Wire Types	Molded member		
Agency Ratings	UL QMFZ2 .E54709		
Appearance	Opacity		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.38	g/cm³	ASTM D792
Molding Shrinkage - Flow	1.0 - 1.2	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	85		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	17.2	MPa	ASTM D638
Tensile Elongation (Break)	360	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	105	°C	ASTM D794
Brittleness Temperature	-15.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method

Comparative Tracking Index (CTI) (3.00 mm)	PLC 0		UL 746
High Amp Arc Ignition (HAI) (3.00 mm)	PLC 1		UL 746
Hot-wire Ignition (HWI) (3.00 mm)	PLC 1		UL 746
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
0.800 mm	V-2		UL 94
3.00 mm	V-0		UL 94
Oxygen Index	29	%	ASTM D2863
Additional Information			
温度额定值:105°C			
Injection	Nominal Value	Unit	
Processing (Melt) Temp	182	°C	

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Recommended distributors for this material

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