

APEX® 1585

Flexible Polyvinyl Chloride

Teknor Apex Company

Message:

APEX® 1585 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 the 1585 are:

- flame retardant/rated flame
- ROHS certification

Typical application areas include:

- Wire and cable
- engineering/industrial accessories
- Electrical/electronic applications

General Information			
UL YellowCard	E54709-245324	E142591-543077	
Uses	Plug		
	Washer		
	Connector		
	Fatigue elimination supplies		
Wire Types	Molded member		
Agency Ratings	UL QMFZ2 .E54709		
RoHS Compliance	RoHS compliance		
Appearance	Clear/transparent		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.21	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	16.2	MPa	ASTM D638
Tensile Elongation (Break)	410	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	60.0	°C	ASTM D794
Brittleness Temperature	-37.0	°C	ASTM D746
Electrical	Nominal Value	Test Method	
Comparative Tracking Index (CTI) (3.00 mm)	PLC 0	UL 746	
Hot-wire Ignition (HWI)		UL 746	
0.750 mm	PLC 3	UL 746	
1.15 mm	PLC 3	UL 746	

3.00 mm	PLC 3	UL 746
Flammability	Nominal Value	Test Method
Flame Rating		UL 94
0.750 mm	HB	UL 94
1.50 mm	HB	UL 94
3.00 mm	HB	UL 94
Additional Information		
温度额定值:60 °C		
Injection	Nominal Value	Unit
Processing (Melt) Temp	179	°C

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Recommended distributors for this material

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