

APEX® 76-5179-B

Flexible Polyvinyl Chloride

Teknor Apex Company

Message:

APEX® 76-5179-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 76-5179-B are:

flame retardant/rated flame

Flame Retardant

APEX® The typical application fields of 76-5179-B are: wire and cable

General Information			
UL YellowCard	E54709-245338	E142591-543091	
Features	Flame retardancy		
Uses	Wire and cable applications		
Agency Ratings	UL QMFZ2 .E54709		
Appearance	Opacity		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.23	g/cm³	ASTM D792
Molding Shrinkage - Flow	1.5 - 1.8	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	55		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	10.7	MPa	ASTM D638
Tensile Elongation (Break)	480	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	80.0	°C	ASTM D794
Brittleness Temperature	-43.0	°C	ASTM D746
RTI Elec			UL 746
1.00 mm	90.0	°C	UL 746
3.00 mm	90.0	°C	UL 746
RTI			UL 746
1.00 mm	90.0	°C	UL 746
3.00 mm	90.0	°C	UL 746
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 2		UL 746
Flammability	Nominal Value	Unit	Test Method

Flame Rating			UL 94
1.00 mm	V-2		UL 94
3.00 mm	V-2		UL 94
Oxygen Index	23	%	ASTM D2863

Additional Information

温度额定值:80 °C

Injection	Nominal Value	Unit
Processing (Melt) Temp	166	°C

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Recommended distributors for this material

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