

APEX® 82-E254-K

Flexible Polyvinyl Chloride

Teknor Apex Company

Message:

APEX® 82-E254-K 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: extrusion.

APEX® The main features of 82-E254-K are:

ROHS certification

Flame Retardant

Typical application areas include:

Wire and cable

Electrical/electronic applications

General Information			
Features	Flame retardancy		
Uses	Communication wire sheath		
Wire Types	FT-4		
	MPR		
Agency Ratings	NEC Article 725		
	NEC Article 760		
	NEC Article 800		
	NEC Article 820		
	UL 13		
	UL 1424		
	UL 444		
RoHS Compliance	RoHS compliance		
Appearance	Opacity		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.42	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			ASTM D638
Fracture	16.5	MPa	ASTM D638
100% strain	12.4	MPa	ASTM D638
Tensile Elongation (Break)	300	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ¹	95.1	kN/m	ASTM D624

Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	80.0	°C	ASTM D794
Brittleness Temperature	-26.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	33	%	ASTM D2863
Additional Information			
主体444温度额定值:80 °C耐日光性UL认证:否最大伸长保持率,UL 1581,烘箱老化,10天,100°C:83 % 拉伸强度保持率,UL 1581,烘箱老化,10天,100°C: 101 %			
Extrusion	Nominal Value	Unit	
Melt Temperature	191	°C	
NOTE			
1.	B mould		

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Recommended distributors for this material

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