

APEX® 85-J644-H

Flexible Polyvinyl Chloride

Teknor Apex Company

Message:

APEX® 85-J644-H 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 85-J644-H are:

- ROHS certification
- Flame Retardant
- low gloss
- Heat resistance

Typical application areas include:

- Electrical/electronic applications
- Wire and cable

General Information			
Features	Gloss, low		
	Heat resistance, high		
	Flame retardancy		
Uses	Communication wire sheath		
	Transfer wire sheath material		
Wire Types	MPR		
Agency Ratings	NEC Article 725		
	NEC Article 770		
	NEC Article 820		
RoHS Compliance	RoHS compliance		
Appearance	Opacity		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.25	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	74		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Fracture	13.8	MPa	ASTM D638
100% strain	6.65	MPa	ASTM D638
Tensile Elongation (Break)	320	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ¹	104	kN/m	ASTM D624

Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	105	°C	ASTM D794
Brittleness Temperature	-34.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	28	%	ASTM D2863
Additional Information			
温度额定值:105 °C耐日光性UL认证:否最大伸长保持率,UL 1581,烘箱老化,7天,136°C:100 %拉伸强度保持率,UL 1581,烘箱老化,7天,136°C: 100 %			
Extrusion	Nominal Value	Unit	
Melt Temperature	174	°C	
NOTE			
1.	B mould		

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Recommended distributors for this material

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