

# APEX® 85-J644-E

Flexible Polyvinyl Chloride

Teknor Apex Company

## Message:

APEX® 85-J644-E 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-E are:

- ROHS certification
- low gloss
- Good flexibility

Typical application areas include:

- Electrical/electronic applications
- Wire and cable

General Information			
Features	Flexibility at low temperatures		
	Gloss, low		
Uses	Communication wire sheath		
	Transfer wire sheath material		
Agency Ratings	NEC Article 725		
	NEC Article 770		
	NEC Article 820		
RoHS Compliance	RoHS compliance		
Appearance	Clear/transparent		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm <sup>3</sup>	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 (Break)	15.7	MPa	ASTM D638
Tensile Elongation (Break)	380	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-42.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	21	%	ASTM D2863
Additional Information			
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,7天,113°C:80 % 拉伸强度保持率,UL 1581,烘箱老化,7天,113°C: 108 %			
Extrusion	Nominal Value	Unit	

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#### Recommended distributors for this material

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