

APEX® 85-J644-L

Teknor Apex Company - Flexible Polyvinyl Chloride

Friday, June 30, 2017

General Information

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Low Gloss • Low Temperature Flexibility		
Uses	• Communication Wire Jacketing • Patch Cord Jacketing		
Agency Ratings	• NEC Article 725	• NEC Article 770	• NEC Article 820
RoHS Compliance	• RoHS Compliant		
Appearance	• Clear/Transparent		
Forms	• Pellets		
Processing Method	• Extrusion		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	2100	psi	ASTM D638
Tensile Elongation (Break)	360	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	74		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-49.0	°F	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	21	%	ASTM D2863

Additional Information

Temperature Rating: 80 °C
 UL Sunlight Resistance Recognition: No
 Ultimate Elongation Retained, UL 1581, Oven Aged, 7 days, 113°C: 80 %
 Tensile Strength Retained, UL 1581, Oven Aged, 7 days, 113°C: 108 %

Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	345	°F

Notes

¹ Typical properties: these are not to be construed as specifications.

Teknor Apex Company Corporate Headquarters

In U.S. for Vinyls, TPEs, Colorants,
Engineered Thermoplastics (Chem Polymer)
505 Central Avenue
Pawtucket, Rhode Island 02861 U.S.

Phone: 401-725-8000
 Fax: 401-725-8095
 Toll Free (U.S. only) 800-556-3864

info@teknorapex.com

Teknor Apex U.K. Ltd.

Tat Bank Road
 Oldbury, West Midlands B69 4NH England

Phone: (44) 121-665-2100
 Fax: (44) 121-544-5530

etpsales@teknorapex.co.uk



Revision Date: 12/12/2013