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TEKNOR APEX

APEX® 85-J644-M

Teknor Apex Company - Flexible Polyvinyl Chloride

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	• Opaque		
Forms	• Pellets		
Processing Method	• Extrusion		

ASTM & ISO Properties [1]

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.37		ASTM D792
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Break)	2250	psi	ASTM D638
Tensile Elongation (Break)	320	%	ASTM D638
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore A, 15 sec)	80		ASTM D2240
Thermal	**Nominal Value**	**Unit**	**Test Method**
Brittleness Temperature	-13.0	°F	ASTM D746
Flammability	**Nominal Value**	**Unit**	**Test Method**
Oxygen Index	23	%	ASTM D2863

Additional Information

Temperature Rating: 80 °C
UL Sunlight Resistance Recognition: No
Ultimate Elongation Retained, UL 1581, Oven Aged, 7 days, 113°C: 95 %
Tensile Strength Retained, UL 1581, Oven Aged, 7 days, 113°C: 99 %

Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	355	°F

Notes

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