

# Halguard® 58263

Teknor Apex Company - Polyolefin

Saturday, September 14, 2024

## General Information

### General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Latin America • North America	
Features	• Electrically Insulating • Filled • Flame Retardant	• Good Electrical Properties • Halogen Free • Low Smoke Emission	• Sunlight Resistant (720 hours) • UV Stabilized
Uses	• LSZH Insulation	• LSZH Jacketing	
Agency Ratings	• UL 94		
Regulatory Statement	• Due to the frequent updates to regulations, specifically, California Proposition 65, EU REACH SVHCs, and RoHS, please contact Teknor Apex for the most up to date compliance statement, or refer to section 15 of the product SDS.		
Appearance	• Black	• Colors Available	• Natural Color
Forms	• Pellets		
Processing Method	• Wire & Cable Extrusion		

## ASTM & ISO Properties<sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.56	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/20.0 kg)	8.1	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	19.6	MPa	ASTM D638
Tensile Elongation (Break)	78	%	ASTM D638
Flexural Modulus	723	MPa	ASTM D790
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 10 sec, Operating Stand)	51		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	105	°C	ASTM D794
Brittleness Temperature	-11.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.6 mm)	V-0		UL 94
Oxygen Index	39	%	ASTM D2863

### Additional Information

Deformation at 121C, % (0.060" thick specimen): 0% ..... UL1581

Data Sheet Applies to Color Listed Below:

Natural (1130744)

11/19-1c

## Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	204	°C

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

Revision Date: 5/22/2024

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## Teknor Apex Company - Polyolefin

### 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

[www.teknorapex.com](http://www.teknorapex.com)  
[info@teknorapex.com](mailto:info@teknorapex.com)

### Teknor Apex B.V.

Brightlands Chemelot Campus Umonderbaan  
22  
6167 RD Geleen, Netherlands

Phone: +31 46 7020 950  
Fax: +31 46 7020 990

[www.teknorapex.com](http://www.teknorapex.com)  
[tpe@teknorapex.com](mailto:tpe@teknorapex.com)

### Teknor Apex (Suzhou) Advanced Polymer Compounds Co. Pte. Ltd.

No. 78 Ping Sheng Road  
Suzhou Industrial Park  
Jiangsu, China 215126

Phone: (86) 512-6287-1550  
Fax: (86) 512-6288-8371

[www.teknorapex.com](http://www.teknorapex.com)  
[infotaap@teknorapex.com](mailto:infotaap@teknorapex.com)

### Teknor Apex Asia Pacific PTE. LTD.

41 Shipyard Road  
Singapore 628134

Phone: (65) 6265-2544  
Fax: (65) 6265-1821

[www.teknorapex.com](http://www.teknorapex.com)  
[infotaap@teknorapex.com](mailto:infotaap@teknorapex.com)

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