



Halguard® 58661

Teknor Apex Company - Polyolefin

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 Shrinkage	• Low Smoke Emission • 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 ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.48		ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/20.0 kg)	5.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (100% Strain)	1140	psi	ASTM D638
Tensile Strength (Break)	1710	psi	ASTM D638
Tensile Elongation (Break)	280	%	ASTM D638
Flexural Modulus	10100	psi	ASTM D790
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore D, 10 sec, Operating Stand	36		
Shore D, 10 sec, Hand Held	40		
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	221	°F	ASTM D794
Brittleness Temperature	-58.0	°F	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	5.2E+15	ohms·cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94
Oxygen Index	38	%	ASTM D2863

Additional Information

Data Sheet Applies to Color Listed Below:
Natural (1142526)

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Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	401	°F