

SMOKEGUARD O 301 NATURAL

Alphagary - Polyolefin

General Information

Product Description

A FOAMABLE INSULATION COMPOUND.

General

Uses	<ul style="list-style-type: none"> Insulation
Appearance	<ul style="list-style-type: none"> Natural Color
Processing Method	<ul style="list-style-type: none"> Extrusion

Properties¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.26		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ²	1700	psi	ASTM D412
Tensile Elongation ² (Break)	600	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore D, Instant	57		
Shore D, 15 sec	47		
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature ³	-31.0	°F	ASTM D746
Cold Impact (-13°F)	PASS		IEC 60811-1-4
Electrical	Nominal Value	Unit	Test Method
Dielectric Constant			ASTM D150
73°F, 1 MHz	2.65		
73°F, 100 MHz	2.80		
Dissipation Factor			ASTM D150
73°F, 1 MHz	9.0E-4		
73°F, 100 MHz	4.0E-4		
Flammability	Nominal Value	Unit	Test Method
Oxygen Index (0.125 in)	30	%	ASTM D2863

Notes

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

² Extruded Tape

³ F50