

POLIVISOL PV-1996 U NATURAL

Alphagary - Polyvinyl Chloride

General Information

Product Description

105°C INSULATING COMPOUND, UL QMTT2 LISTED FOR TW, THW, THW-2, THHN, THWN, THWN-2, VW1, OIL I AND OIL II.

General

Features	• Flame Retardant
Uses	• Insulation • Wire & Cable Applications
Processing Method	• Wire & Cable Extrusion

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.33		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (0.0150 in)	2870	psi	ASTM D412
Tensile Elongation (Break, 0.0150 in)	310	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	91		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature ²	1.40	°F	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Ultimate Elongation in Air ³ (277°F, 168 hr)	-12	%	UL Unspecified
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity (73°F)	2.5E+16	ohms·cm	ASTM D257
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 F50

³ Thickness: 15 mil