

Manner Flexible PVC 6936 011

Manner Polymers - Flexible Polyvinyl Chloride

General Information

Product Description

Recommended Applications: 105°C flame retarded wire and cable insulation and jacketing compound. 6936 is stabilized without the use of lead products and is a QMTT2 UL Recognized Component for TW, THW, THHW insulation with Oil-I and VW-1 approval. 6936 is also approved by UL for 720-hour Sunlight resistance applications in all colors.

General

Material Status	• Commercial: Active
Availability	• North America
Additive	• Flame Retardant
Features	• Flame Retardant • Low (to None) Lead Content • Sunlight Resistant (720 hours)
Uses	• Wet Rated Insulation • Wire & Cable Applications
Agency Ratings	• UL QMTT2
Processing Method	• Extrusion

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.30 to 1.34		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	2600	psi	ASTM D638
Tensile Elongation (Break)	350	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	82 to 88		ASTM D2240
Additional Information	Nominal Value	Unit	Test Method
Stock Temperature - Recommended Extrusion	365	°F	

Notes

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

