



Westlake
Global Compounds

VINYL COMPOUNDS

18751

Flexible

PRODUCT DESCRIPTION

This flexible, non-lead stabilized compound is formulated to provide excellent low-temperature properties for a variety of tray cable, building wire, and jacketing applications. This compound can service temperatures up to 105°C with a minimum wall thickness of 30 mils.

GENERAL PROPERTIES

GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.32	ASTM D-792
Hardness Delayed, Shore A (+/- 3)	77	ASTM D-2240

MECHANICAL PROPERTIES

MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Strength, psi	2200	ASTM D-638
Tensile Strength, MPa	15	ASTM D-638
Elongation, %	360	ASTM D-638
100% Modulus, psi	1000	ASTM D-638
100% Modulus, MPa	6	ASTM D-638

THERMAL PROPERTIES

THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Low-Temperature Brittle Point, °C	-50	ASTM D-746

FLAMMABILITY PROPERTIES

FLAMMABILITY PROPERTIES	TYPICAL VALUE	TEST METHOD
Limited Oxygen Index, %	24	

OTHER PROPERTIES

OTHER PROPERTIES	TYPICAL VALUE	TEST METHOD
Air Aging		168h@136C 30mil plaques
Air Aging Elongation Retention, %	80	UL 1581

ADDITIONAL INFORMATION

ADDITIONAL INFORMATION	TYPICAL VALUE	TEST METHOD
Recommended Stock Temperature, °F	365	

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