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Salesforce



VINYL COMPOUNDS

12804 Flexible

PRODUCT DESCRIPTION		
This flexible, non-lead stabilized compound is formulated for a variety of building wire, appliance wire, and jacketing applications that require UL 62/94 certifications. This VW-1 rated compound can service temperatures up to 75°C.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.42	ASTM D-792
Hardness Delayed, Shore A (+/- 3)	80	ASTM D-2240
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Strength, psi	1855	ASTM D-638
Tensile Strength, MPa	13	ASTM D-638
Elongation, %	300	ASTM D-638
100% Modulus, psi	1025	ASTM D-638
100% Modulus, MPa	7	ASTM D-638
THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Low-Temperature Brittle Point, °C	-25	ASTM D-746
FLAMMABILITY PROPERTIES	TYPICAL VALUE	TEST METHOD
Limited Oxygen Index, %	26	
OTHER PROPERTIES	TYPICAL VALUE	TEST METHOD
Air Aging		10d@100C 30mil plaques
Air Aging Elongation Retention, %	81.3	UL 1581
ADDITIONAL INFORMATION	TYPICAL VALUE	TEST METHOD
Recommended Stock Temperature, °F	340	

Revised Date:10/29/2019

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