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Salesforce



10852

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VINYL COMPOUNDS

10852 Flexible

PRODUCT DESCRIPTION		
This flexible compound is formulated for a variety of appliance and building wire applications that require UL certification. This compound can service temperatures up to 75°C and is commonly used in automotive jacketing.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.45	ASTM D-792
Hardness Delayed, Shore A (+/- 3)	84	ASTM D-2240
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Strength, psi	2100	ASTM D-638
Tensile Strength, MPa	14	ASTM D-638
Elongation, %	330	ASTM D-638
100% Modulus, psi	1050	ASTM D-638
100% Modulus, MPa	7	ASTM D-638
THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Low-Temperature Brittle Point, °C	-28	ASTM D-746
FLAMMABILITY PROPERTIES	TYPICAL VALUE	TEST METHOD
Limited Oxygen Index, %	24	
OTHER PROPERTIES	TYPICAL VALUE	TEST METHOD
Air Aging		240h@100C 30mil plaques
Air Aging Elongation Retention, %	83.7	UL 1581
ADDITIONAL INFORMATION	TYPICAL VALUE	TEST METHOD
Recommended Stock Temperature, °F	340	

Revised Date:10/29/2019

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