

5/25/23, 12:26 PM

Salesforce



19855

Download as PDF



VINYL COMPOUNDS

19855 Flexible

PRODUCT DESCRIPTION		
This flexible compound is formulated for a variety of building wire, appliance wire, and insulation applications that require THW and Oil Resistance I certifications. This VW-1 rated compound can service temperatures up to 105°C.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.34	ASTM D-792
Hardness Delayed, Shore A (+/- 3)	85	ASTM D-2240
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Strength, psi	2450	ASTM D-638
Tensile Strength, MPa	17	ASTM D-638
Elongation, %	320	ASTM D-638
100% Modulus, psi	1765	ASTM D-638
100% Modulus, MPa	12	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, %	26.5	
OTHER PROPERTIES	TYPICAL VALUE	TEST METHOD
Air Aging		168h@136C 30mil plaques
Air Aging Elongation Retention, %	80.3	UL 1581
Oil Aging		96h@100C 30mil plaques
Oil Aging Elongation Retention, %	91	UL 1581

Revised Date:10/29/2019

IMPORTANT: The technical data herein is believed to be accurate. It is offered for your consideration, investigation and verification. Buyer assumes all risk of use, storage and handling of the product. NO WARRANTY, EXPRESS OR IMPLIED, IS MADE INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Nothing contained herein shall be construed as a license to operate under, or recommendation to infringe, any patents.