

5/25/23, 9:54 AM

Salesforce



12862

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VINYL COMPOUNDS

12862 Flexible

PRODUCT DESCRIPTION		
This flexible, non-lead stabilized compound is formulated for a variety of tray cable, building wire, liquid-tight conduit, and jacketing applications that require UL 360 certification. This compound can service temperatures up to 80°C.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.32	ASTM D-792
Hardness Delayed, Shore A (+/- 3)	84	ASTM D-2240
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Strength, psi	2350	ASTM D-638
Tensile Strength, MPa	16	ASTM D-638
Elongation, %	350	ASTM D-638
100% Modulus, psi	1200	ASTM D-638
100% Modulus, MPa	8	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, %	25	
OTHER PROPERTIES	TYPICAL VALUE	TEST METHOD
Air Aging		168h@113C 30mil plaques
Air Aging Elongation Retention, %	73	UL 1581
Oil Aging		168h@60C IRM902 Oil 30 mil plaques
Oil Aging Elongation Retention, %	80	UL 1581

Revised Date:10/29/2019

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