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Salesforce



830C

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VINYL COMPOUNDS

830C Flexible

PRODUCT DESCRIPTION		
This flexible, insulation-grade compound is formulated for a variety of conduit and profile extrusion applications. Depending on wall thickness, this compound can service temperatures ranging from 60-80°C.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.37	ASTM D-792
Hardness Delayed, Shore A (+/- 3)	86	ASTM D-2240
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Strength, psi	2300	ASTM D-638
Tensile Strength, MPa	16	ASTM D-638
Elongation, %	350	ASTM D-638
100% Modulus, psi	1350	ASTM D-638
100% Modulus, MPa	9	ASTM D-638
THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Low-Temperature Brittle Point, °C	-20	ASTM D-746
FLAMMABILITY PROPERTIES	TYPICAL VALUE	TEST METHOD
Limited Oxygen Index, %	24	
OTHER PROPERTIES	TYPICAL VALUE	TEST METHOD
Air Aging		168h@113C 30mil plaques
Air Aging Elongation Retention, %	85	UL 1581
REGULATORY LISTINGS AND CERTIFICATIONS		
RoHS		

Revised Date:10/29/2019

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