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Salesforce



5409

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VINYL COMPOUNDS

5409 Rigid

PRODUCT DESCRIPTION		
This rigid, non-phthalate compound is formulated to provide excellent low-smoke and flame-resistant properties for a variety of custom injection molding, pipe, and fitting applications. This compound is commonly used in high-riser building and water distribution applications that require NSF 14 certification.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.49	ASTM D-792
Cell Classification	12454	ASTM D-1784
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Yield Strength, psi	7100	ASTM D-638
Tensile Yield Strength, MPa	49	ASTM D-638
Tensile Modulus, psi	480000	ASTM D-638
Tensile Modulus, MPa	3310	ASTM D-638
Flexural Strength, psi	11700	ASTM D-790
Flexural Strength, MPa	81	ASTM D-790
Flexural Modulus, psi	480000	ASTM D-790
Flexural Modulus, MPa	3310	ASTM D-790
1/8" Notched Izod Impact ft-lbs/in at 23°C	0.7	ASTM D-256
THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Heat Deflection Temp °C at 264 psi/1.8 MPa	70	ASTM D-648
REGULATORY LISTINGS AND CERTIFICATIONS		
RoHS		
NSF 14		

Revised Date:10/29/2019

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