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Salesforce



7427

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VINYL COMPOUNDS

7427 Rigid

PRODUCT DESCRIPTION		
This rigid, non-phthalate compound is formulated to provide excellent chemical resistance for a variety of profile extrusion applications. This compound is commonly used in applications that require high-impact strength, dimensional stability, colorability, and processability.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.50	ASTM D-792
Hardness Delayed, Shore D (+/- 3)	75	ASTM D-2240
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Yield Strength, psi	6000	ASTM D-638
Tensile Yield Strength, MPa	41	ASTM D-638
Tensile Modulus, psi	410000	ASTM D-638
Tensile Modulus, MPa	2827	ASTM D-638
Flexural Strength, psi	13600	ASTM D-790
Flexural Strength, MPa	94	ASTM D-790
Flexural Modulus, psi	435000	ASTM D-790
Flexural Modulus, MPa	2999	ASTM D-790
1/8" Notched Izod Impact ft-lbs/in at 23°C	3.5	ASTM D-256
THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Heat Deflection Temp °C at 264 psi/1.8 MPa	75	ASTM D-648
Coefficient of Thermal Expansion 10 ⁻⁵ in/in °F	6	ASTM D-696
ADDITIONAL INFORMATION	TYPICAL VALUE	TEST METHOD
Recommended Melt Temperature, °F	350-385	

Revised Date:10/29/2019

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