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Salesforce



8150

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VINYL COMPOUNDS

8150 Rigid

PRODUCT DESCRIPTION		
This rigid, non-phthalate compound is formulated to provide excellent flame and chemical resistance for a variety of exterior profile extrusion applications. This compound is commonly used in applications that require high-impact strength, high-gloss, high-flow, thermoformability, moldability, and weatherability.		

GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.47	ASTM D-792
Hardness Delayed, Shore D (+/- 3)	83	ASTM D-2240
Hardness Delayed, Rockwell R	112	ASTM D-2240
Cell Classification	14434323	ASTM D-4216
Flow Ratio (Distance/Wall Thickness, 390-400F)	160	Internal

MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Yield Strength, psi	6500	ASTM D-638
Tensile Yield Strength, MPa	45	ASTM D-638
Tensile Modulus, psi	380000	ASTM D-638
Tensile Modulus, MPa	2620	ASTM D-638
Flexural Strength, psi	10000	ASTM D-790
Flexural Strength, MPa	69	ASTM D-790
Flexural Modulus, psi	320000	ASTM D-790
Flexural Modulus, MPa	2206	ASTM D-790
1/8" Notched Izod Impact ft-lbs/in at 23°C	10	ASTM D-256

THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Heat Deflection Temp °C at 264 psi/1.8 MPa	152	ASTM D-648
Coefficient of Thermal Expansion 10 ⁻⁵ in/in °F	4	ASTM D-696

Revised Date:10/29/2019

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