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Salesforce



7800

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VINYL COMPOUNDS

7800 Rigid

PRODUCT DESCRIPTION		
This rigid compound is formulated to provide excellent flame and chemical resistance for a variety of profile extrusion applications that require UL and NSF 51/61 certifications. This compound is commonly used in applications that require high-impact strength, low-die swelling, and colorability.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.37	ASTM D-792
Hardness Delayed, Shore D (+/- 3)	80	ASTM D-2240
Cell Classification	16354	ASTM D-1784
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Yield Strength, psi	6700	ASTM D-638
Tensile Yield Strength, MPa	46	ASTM D-638
Tensile Modulus, psi	440000	ASTM D-638
Tensile Modulus, MPa	3034	ASTM D-638
Flexural Strength, psi	10900	ASTM D-790
Flexural Strength, MPa	75	ASTM D-790
Flexural Modulus, psi	492000	ASTM D-790
Flexural Modulus, MPa	3392	ASTM D-790
1/8" Notched Izod Impact ft-lbs/in at 23°C	18	ASTM D-256
THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Heat Deflection Temp °C at 264 psi/1.8 MPa	71	ASTM D-648
Coefficient of Thermal Expansion 10 ⁻⁵ in/in °F	3.84	ASTM D-696
ADDITIONAL INFORMATION	TYPICAL VALUE	TEST METHOD
Recommended Melt Temperature, °F	360-385	

Revised Date:10/29/2019

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