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Salesforce



8240

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VINYL COMPOUNDS

8240 Rigid

PRODUCT DESCRIPTION		
This rigid, non-phthalate compound is formulated to provide excellent chemical and flame resistance for a variety of profile extrusion applications. This compound is commonly used in applications that require high-impact strength, high-gloss, thermoformability, and colorability.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.31	ASTM D-792
Hardness Delayed, Shore D (+/- 3)	80	ASTM D-2240
Hardness Delayed, Rockwell R	112	ASTM D-2240
Cell Classification	15363	ASTM D-1784
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Yield Strength, psi	6600	ASTM D-638
Tensile Yield Strength, MPa	46	ASTM D-638
Tensile Modulus, psi	400000	ASTM D-638
Tensile Modulus, MPa	2758	ASTM D-638
Tensile Impact, ft-lbs/in ²	88	ASTM D-1822
Flexural Strength, psi	12000	ASTM D-790
Flexural Strength, MPa	83	ASTM D-790
Flexural Modulus, psi	485000	ASTM D-790
Flexural Modulus, MPa	3344	ASTM D-790
1/8" Notched Izod Impact ft-lbs/in at 23°C	15	ASTM D-256
THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Heat Deflection Temp °C at 264 psi/1.8 MPa	68	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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