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Salesforce



HHW-191

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VINYL COMPOUNDS

HHW-191 Rigid

PRODUCT DESCRIPTION		
This rigid non-phthalate compound is formulated to provide thermal and dimensional stability for a variety of profile extrusion applications. This special purpose compound is commonly used in exterior applications that require high-heat distortion, high-impact strength, colorability, and weatherability.		

GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.24	ASTM D-792
Hardness Delayed, Shore D (+/- 3)	80	ASTM D-2240
Hardness Delayed, Rockwell R	110	ASTM D-2240

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	350000	ASTM D-638
Tensile Modulus, MPa	2413	ASTM D-638
Tensile Impact, ft-lbs/in2	45	ASTM D-1822
Flexural Strength, psi	11000	ASTM D-790
Flexural Strength, MPa	76	ASTM D-790
Flexural Modulus, psi	350000	ASTM D-790
Flexural Modulus, MPa	2413	ASTM D-790
Gardner high-impact 23°C 1/2" R Tup, in-lbs/mil	3	
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	88	ASTM D-648
Coefficient of Thermal Expansion 10 ⁻⁵ in/in °F	4.1	ASTM D-696

Revised Date:10/29/2019

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