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Salesforce



8105

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VINYL COMPOUNDS

8105 Rigid

PRODUCT DESCRIPTION		
This rigid, non-phthalate compound is formulated to provide excellent UV and chemical resistance for a variety of profile extrusion, exterior, capstock, and furniture applications. This compound is commonly used in applications that require high-impact strength, high-gloss, clarity, weatherability, and durability.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.47	ASTM D-792
Hardness Delayed, Shore D (+/- 3)	83	ASTM D-2240
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	390000	ASTM D-638
Tensile Modulus, MPa	2689	ASTM D-638
Tensile Impact, ft-lbs/in ²	25	ASTM D-1822
Flexural Strength, psi	10000	ASTM D-790
Flexural Strength, MPa	69	ASTM D-790
Flexural Modulus, psi	330000	ASTM D-790
Flexural Modulus, MPa	2275	ASTM D-790
THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Heat Deflection Temp °C at 264 psi/1.8 MPa	67	ASTM D-648
REGULATORY LISTINGS AND CERTIFICATIONS		
RoHS		

Revised Date:10/29/2019

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