

5/25/23, 2:20 PM

Salesforce



3036

Download as PDF



VINYL COMPOUNDS

3036 Rigid

PRODUCT DESCRIPTION		
This rigid, non-phthalate compound is formulated to provide excellent gloss, high-impact strength, toughness, and weatherable properties for a variety of exterior custom injection molding, profile extrusion, and sheet applications. This powder blend, flame and chemical resistant, compound is commonly used in thermoformed applications.		

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	144343-23	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	390000	ASTM D-638
Tensile Modulus, MPa	2689	ASTM D-638
Tensile Impact, ft-lbs/in2	58	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	66	ASTM D-648
Coefficient of Thermal Expansion 10 ⁻⁵ in/in °F	4	ASTM D-696

Revised Date:10/29/2019

IMPORTANT: The technical data herein is believed to be accurate. It is offered for your consideration, investigation and verification. Buyer assumes all risk of use, storage and handling of the product. NO WARRANTY, EXPRESS OR IMPLIED, IS MADE INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Nothing contained herein shall be construed as a license to operate under, or recommendation to infringe, any patents.