

5/26/23, 9:18 AM

Salesforce



VINYL COMPOUNDS

7434 Rigid

PRODUCT DESCRIPTION		
This rigid, non-phthalate compound is formulated to provide excellent chemical resistance for a variety of profile extrusion and food/beverage packaging applications that require CFR 21 and NSF 14/51/61 certifications. This compound is commonly used in pipe and fitting applications that require toughness, durability, and processability.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.37	ASTM D-792
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Yield Strength, psi	7200	ASTM D-638
Tensile Yield Strength, MPa	50	ASTM D-638
Tensile Modulus, psi	440000	ASTM D-638
Tensile Modulus, MPa	3034	ASTM D-638
Flexural Strength, psi	11000	ASTM D-790
Flexural Strength, MPa	76	ASTM D-790
Flexural Modulus, psi	440000	ASTM D-790
Flexural Modulus, MPa	3034	ASTM D-790
1/8" Notched Izod Impact ft-lbs/in at 23°C	2.2	ASTM D-256
THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Heat Deflection Temp °C at 264 psi/1.8 MPa	70	
ADDITIONAL INFORMATION	TYPICAL VALUE	TEST METHOD
Recommended Melt Temperature, °F	360-385	

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.