

5/26/23, 9:06 AM

Salesforce



6340

Download as PDF



VINYL COMPOUNDS

6340 Rigid

PRODUCT DESCRIPTION		
This rigid, non-phthalate compound is formulated to provide maximum burst strength and high-modulus properties for a variety of injection molding, pipe, and fitting applications. This compound is commonly used in large-diameter fitting applications that require NSF 14/61 certifications.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.36	ASTM D-792
Hardness Delayed, Rockwell R	105	ASTM D-785
Mold Shrinkage 10 ⁻³ in/in	2-4	ASTM D-955
Flow Ratio (Distance/Wall Thickness, 390-400F)	150	Georgia Gulf Test
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Yield Strength, psi	7500	ASTM D-638
Tensile Yield Strength, MPa	52	ASTM D-638
Tensile Modulus, psi	420000	ASTM D-638
Tensile Modulus, MPa	2896	ASTM D-638
Flexural Strength, psi	11000	ASTM D-790
Flexural Strength, MPa	76	ASTM D-790
Flexural Modulus, psi	450000	ASTM D-790
Flexural Modulus, MPa	3103	ASTM D-790
Gardner high-impact 23°C 1/2" R Tup, in-lbs/mil	2.56	
1/8" Notched Izod Impact ft-lbs/in at 23°C	1.4	ASTM D-256
1/8" Notched Izod Impact ft-lbs/in at -20°C	0.7	ASTM D-256
THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Heat Deflection Temp °C at 66 psi/0.46 MPa	74	ASTM D-648
Heat Deflection Temp °C at 264 psi/1.8 MPa	70	ASTM D-648

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.