

5/25/23, 1:45 PM

Salesforce



CL-6380J

Download as PDF



VINYL COMPOUNDS

CL-6380J Rigid

PRODUCT DESCRIPTION		
This rigid, non-phthalate compound is formulated to provide excellent clarity for a variety of custom injection molding applications that require NSF 14/61 certifications. This compound is commonly used for applications that require visual monitoring.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.37	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	7200	ASTM D-638
Tensile Yield Strength, MPa	50	ASTM D-638
Tensile Modulus, psi	400000	ASTM D-638
Tensile Modulus, MPa	2758	ASTM D-638
Flexural Strength, psi	13000	ASTM D-790
Flexural Strength, MPa	90	ASTM D-790
Flexural Modulus, psi	430000	ASTM D-790
Flexural Modulus, MPa	2965	ASTM D-790
Gardner high-impact 23°C 1/2" R Tup, in-lbs/mil	2.5	
1/8" Notched Izod Impact ft-lbs/in at 23°C	1	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	72	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.