



VINYL COMPOUNDS

CL-7049J

Rigid

PRODUCT DESCRIPTION

This rigid compound is formulated to provide excellent clarity for a variety of custom injection molding and extrusion food-grade applications.

GENERAL PROPERTIES

	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.29	ASTM D-792
Hardness Delayed, Rockwell R	95	ASTM D-785
Mold Shrinkage 10 ⁻³ in/in	3-4	ASTM D-955

MECHANICAL PROPERTIES

	TYPICAL VALUE	TEST METHOD
Tensile Yield Strength, psi	5300	ASTM D-638
Tensile Yield Strength, MPa	37	ASTM D-638
Tensile Modulus, psi	350000	ASTM D-638
Tensile Modulus, MPa	2413	ASTM D-638
Flexural Strength, psi	9500	ASTM D-790
Flexural Strength, MPa	66	ASTM D-790
Flexural Modulus, psi	310000	ASTM D-790
Flexural Modulus, MPa	2137	ASTM D-790
Gardner high-impact 23°C 1/2" R Tup, in-lbs/mil	3.1	
1/8" Notched Izod Impact ft-lbs/in at 23°C	11	ASTM D-256

THERMAL PROPERTIES

	TYPICAL VALUE	TEST METHOD
Heat Deflection Temp °C at 66 psi/0.46 MPa	70	ASTM D-648
Heat Deflection Temp °C at 264 psi/1.8 MPa	65	ASTM D-648

REGULATORY LISTINGS AND CERTIFICATIONS

RoHS

Revised Date:08/16/2023

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