



TECHNICAL DATA SHEET

Rigid

CL-7049

DESCRIPTION/ APPLICATION

CL-7049 is a clear, high-impact rigid injection molding PVC compound, formulated for medical and food contact uses.

GENERAL PROPERTIES	VALUE	METHOD
Specific Gravity (+/- 0.02)	1.29	ASTM D-792
Hardness, Rockwell R	95	ASTM D-785
Mold Shrinkage, 10 ⁻³ in/in	3-4	ASTM D-955
Flow Ratio (Distance/Wall Thickness 390-400°F)	190	Internal
MECHANICAL PROPERTIES	VALUE	METHOD
Tensile Yield Strength, psi	5,300	ASTM D-638
Tensile Modulus, psi	350,000	ASTM D-638
Flexural Strength, psi	9,500	ASTM D-790
Flexural Modulus, psi	310,000	ASTM D-790
Gardner Impact, 23°C ½" R Tup	192 in-lbs 3.1 in-lbs/mil	ASTM D-4226, A
1/8" Notched Izod Impact	11.0 ft-lbs/in @ 23°C	ASTM D-256
1/8" Notched Izod Impact	1.6 ft-lbs/in @ 0°C	ASTM D-256
OTHER PROPERTIES	VALUE	METHOD
Heat Deflection Temperature, °C	70 @ 66 psi	ASTM D-648
Heat Deflection Temperature, °C	65 @ 264 psi	ASTM D-648
Oxygen Index, %	32	ASTM D-2863
Flame Class	V-0	UL-94
NSF Standard 14	11443	ASTM D-1784
NSF Standard 61	PASS	NSF

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