



TECHNICAL DATA SHEET

Rigid

CL-6380

DESCRIPTION/ APPLICATION

CL-6380 is a clear, rigid injection molding PVC compound for interior fittings applications and is ideally suited for use where visual monitoring of the process is needed. CL-6380 is listed under NSF Standard 14 and meets Standard 61 Health effect requirements.

GENERAL PROPERTIES	VALUE	METHOD
Specific Gravity (+/- 0.02)	1.37	ASTM D-792
Hardness, Rockwell R	105	ASTM D-785
Mold Shrinkage, 10 ⁻³ in/in	2-4	ASTM D-955
Flow Ratio (Distance/Wall Thickness 390-400°F)	150	Internal
MECHANICAL PROPERTIES	VALUE	METHOD
Tensile Yield Strength, psi	7,200	ASTM D-638
Tensile Modulus, psi	400,000	ASTM D-638
Flexural Strength, psi	13,000	ASTM D-790
Flexural Modulus, psi	430,000	ASTM D-790
Gardner Impact, 23°C ½" R Tup	320 in-lbs 2.5 in-lbs/mil	ASTM D-4226, A
1/8" Notched Izod Impact	1.0 ft-lbs/in @ 23°C	ASTM D-256
1/8" Notched Izod Impact	0.7 ft-lbs/in @ -20°C	ASTM D-256
OTHER PROPERTIES	VALUE	METHOD
Heat Deflection Temperature, °C	72 @ 66 psi	ASTM D-648
Heat Deflection Temperature, °C	70 @ 264 psi	ASTM D-648
Flame Class	V-0	UL-94
NSF Standard 14	11443	ASTM D-1784
NSF Standard 61	PASS	NSF
RECOMMENDED MELT TEMPERATURE		390 to 400°F

Revision Date: 9/29/2015

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.