

STERAlloy FDG 2000 SERIES

Elastomeric

- FOOD & DRUG GRADE LIQUID MOLDING COMPOUNDS -

PROPERTIES		TEST METHOD	2036				
PHYSICAL PROPERTIES	Mix Ratio by volume A:B by weight A:B	Calculation	100:300 100:300				
	Gel time 100 grams @ 25°C	ASTM D-2971	16 min. ± 2				
	Color (cured)	Visual	clear / translucent				
	Hardness Shore Scale	ASTM D-2240	35 A ± 5				
	Viscosity mixed @ 25°C cps	ASTM D-4878	3,000				
	Specific Gravity mixed @ 25°C	ASTM D-4669	1.16				
	Shrinkage inch/inch <i>See shrinkage paragraph</i>	ASTM D-2566	.001-.003				
	Demold time @ 70°F 1/8" thick	HAPCO TEST	6 - 8 hours				
	Weight per cubic inch (lbs.)	Calculation	0.0419				
PRODUCT PROPERTIES	Tensile Strength (psi)	ASTM D-638	450				
	Elongation %	ASTM D-638	1,000				
	Tear Strength (pli)	ASTM 624 Die C	85				
	Modulus of Elasticity psi (000)	ASTM D-638	NA				
	Izod Impact (Ft.lbs/inch) notched unnotched	ASTM D-256	No Break				
	Heat Distortion Temperature (° C) 66 psi 264 psi	ASTM D-648	NA				
	Flexural Strength (psi)	ASTM D-790	NA				
	Flexural Modulus psi (000)	ASTM D-790	NA				
	Available in Flame Retardant (FR)	94V	NA				
FDA Status (components may appear in one or more of these sections)	CFR CFR	Uses all FDA approved components per: 21.175.105 CFR 21.177.1680 CFR					21.175.300 21.177.2600

NOTE: Before use, reference material handling, processing, and safety notes located at the end of this brochure