

VYCOM Food Processing Materials Sheet

Typical Properties

Physical	TEST METHOD	UNITS	VYCOM Food Processing
Shore Durometer	ASTM D2240	D	69
Density	ASTM D792	g/cm ³	0.960
Water Absorption, 24 hours	ASTM D570	%	0.01

Mechanical	TEST METHOD	UNITS	VYCOM Food Processing
Izod Impact	ASTM D256	ft-lb/in	10
Tensile Strength	ASTM D638	psi	4,600
Flexural Modulus	ASTM D790	psi	225,000
Elongation at Yield	ASTM D638	%	>400

Thermal	TEST METHOD	UNITS	VYCOM Food Processing
Vicat Softening Point	ASTM D1525	°F	264
Coefficient of Linear Expansion	ASTM D696	in/in/°F	6 x 10 ⁻⁵
Heat Deflection Temperature @ 264 psi	ASTM D648	°F	179

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale.

Questions? Please contact Plaskolite Customer Support 800-848-9124