

# Formalloy HG

## High Performance Polyolefin

### Product Description

Formalloy is a high-melt-strength thermoplastic polyolefin (TPO) sheet engineered for improved thermoforming characteristics. Formalloy can deliver a high gloss surface finish with the tremendous strength and durability of a TPO substrate.

### Technical Properties

Property	Test Method	Value*
Specific Gravity	ASTM D-792	1.14
Tensile Strength	ASTM D-638	3,300 psi
Flexural Modulus	ASTM D-790	300,000 psi
Mold Shrinkage	Internal	0.80%
Izod Impact (Notched) 73°F	ASTM D-256	6.5 ft-lbs/in
Heat Deflection Temperature (@66 psi)	ASTM D-648	225°F
Coefficient of Linear Thermal Expansion	ASTM D-696	$2.8 \times 10^{-5}$ in/in/°C
Gardner Gloss (High Gloss, Smooth Sheet, 60°)	ASTM D-523	80-85
Flammability	UL 94-HB	Passes at 0.060"
Flammability	FMVSS 302	Passes at 0.060"

*\*All values based on 0.125" unless otherwise stated*

For additional information, please contact Spartech at 800-677-4338 (800-67-SHEET), e-mail [info@spartech.com](mailto:info@spartech.com) or visit our website at [www.spartech.com](http://www.spartech.com)

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