

# EnviroTuf 22

## Reinforced Composite TPO Sheet

### Product Description

EnviroTuf 22 is a composite sheet that utilizes short-strand fiberglass to reinforce the base resin. It can be used in thermoforming applications to replace traditional chopped-strand or closed-mold fiberglass parts and is available as UV stabilized for outdoor protection.

### Technical Properties

Property	Test Method	Value*
Specific Gravity	ASTM D-792	1.03
Tensile Strength	ASTM D-638	8,500 psi
Flexural Modulus secant	ASTM D-790	512,000 psi
Flexural Modulus tangent	ASTM D-790	700,000 psi
Izod Impact (Notched) 23°C	ASTM D-256	5.2 ft-lbs/in
Izod Impact (Notched) -20°C	ASTM D-256	2.0 ft-lbs/in
Instrumented Impact - Total Energy at 72°F	ASTM D-3763	43 ft-lbs
Instrumented Impact - Total Energy at -30°C	ASTM D-3763	37 ft-lbs
Heat Deflection Temperature (@66 psi)	ASTM D-648	300°F
Heat Deflection Temperature (@264 psi)	ASTM D-648	235°F
Coefficient of Linear Thermal Expansion	ASTM D-696	2.5x10 <sup>-5</sup> in/in/°F
Coefficient of Linear Thermal Expansion	ASTM D-696	3.5x10 <sup>-5</sup> in/in/°F
Mold Shrinkage (extrusion direction)	Internal	0.005-0.009 in/in
Mold Shrinkage (transverse direction)	Internal	0.015-0.018 in/in
Flammability	UL 94-HB	Passes at 0.60"
Flammability	FMVSS 302	Passes at 0.60"

*\*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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