

Prime TUFF-X™ 200 FR

Our Prime Tuff-X 200 FR is our Prime Tuff-X with a flame retardant characteristic. It has a higher flexural modulus than Prime Tuff-X and a VI flammability rating in accordance with UL Standard 94.

Offers good chemical resistance, good for thermoforming, and a VI flammability rating.

Customization

Prime Tuff-X 200 FR has the same processing equipment, tooling, and operating parameters used for our Prime Tuff-X FR material. Prime Tuff-X FR material may also be used for this product.

Prime Tuff-X 200 FR can be color matched to meet your specific requirements through our vertical integration with Primex Color, Compounding & Additives.

Sustainability

Prime Tuff-X 200 FR meets industry sustainability standards and can be recycled as a post-industrial or post-consumer product in many states in the USA or any Primex Plastics facility.

Primex Sustainability: A better tomorrow, starting today!



Prime TUFF-X™ 200 FR | Data Sheet

Prime TUFF-X 200 FR has excellent thermoforming characteristics.

Applications

Prime Tuff-X 200 FR has very good chemical resistance, can be used in interior or exterior applications where UV protection is called for and has excellent stiffness and durability. Typical applications for this product include battery covers and side panels on lift trucks, tow motors, and construction equipment.

Finishing

Prime Tuff-X 200 FR can be fabricated and bonded using the same techniques that are used for our Prime Tuff-X.

Colors, Textures, and Capabilities

Prime Tuff-X 200 FR can even be painted with a two-part paint system. Prime Tuff-X 200 FR is available in gauges from .090 to .400 and up to 120" wide. Textures include Calf Grain, FL/HC, H/C Smooth, Levant II, and Diamond Plate.

Property	ISO	Value	Unit
Specific Gravity	1183	1.26	g/cc
Melt Flow	1133	0.87	g/10min
Flexural Modulus	178	319,000	psi
Tensile @ Yield	527-1,-2	2,900	psi
Notched izod @ 73 °F	180	38.0	%
Notched izod @ -22 °F	180	4.0	%
Heat Deflection @ 66psi	75	226	in-lb
Heat Deflection @ 264psi	75	134	
CLTE. -22 to 176F	ASTM E228	5.0x10 ⁻⁵	in-lb

UL compliant materials available upon request.

Prime TUFF-X 200 FR	Very High	High	Avg.
Impact Strength		*	
Low Temperature Impact Strength		*	
Tensile Strength		*	
Flexural Modulus	*		
Heat Deflection Temperature		*	