



Prime Tuff-X Flame Retardant

Tuff-X FR

Prime Tuff-X FR:

Prime Tuff-X FR is our Prime Tuff-X with a flame retardant characteristic. It has a higher flexural modulus than Prime Tuff-X and a flammability V1 in accordance with UL Standard 94.

Applications:

Tuff-X 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.

Processing:

The same processing equipment, tooling and operating parameters used to for our Prime Tuff-X material may also be used for this product.



Prime Tuff-X FR	Very High	High
Impact Strength		*
Low Temperature Impact Strength		*
Tensile Strength		*
Flexural Modulus	*	
Heat Deflection Temperature		*



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Finishing:

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

Please contact your Primex Plastics representative for more information on finishing, fabricating, or the thermoforming process.

Colors, Textures and Capabilities:

Prime Tuff-X FR can be color matched or even painted with a two part paint system. Tuff-X 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	Test Method	Value	Unit
Specific Gravity	D792	1.18	
Melt Flow	D1238	1.02	g/10 min
Flexural Modulus	D990	330,000	psi
Tensile @ Yield	D638	3000	psi
Elongation @ Yield	D638	13	%
Elongation @ Break	D638	232	%
Gardner Impact @ RT	D5420-96	>320	in-lb
Gardner Impact @ -30°C	D5420-96	296	in-lb
Mold Shrink	D955	.006-.009	in/in MD

Complies with UL 94 V1 at thickness >.118 in

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