



PRIME SUPER TUFF-X HIGH GLOSS

Prime Super Tuff-X High Gloss offers the same great benefit as our Super Tuff-X but also has a very high gloss before and after forming. Using the Gardner Gloss Meter at 60° angle gloss levels of 85 to 90 have been obtained after forming. Prime Super Tuff-X HG is an engineered alloy that offers very high stiffness when rigidity is important and has a very low C.L.T.E., excellent cold temperature impact, UV protection, improved rigidity and is highly chemical resistant.

	PROPERTY	UNIT	ISO	VALUE
PHYSICAL				
Density		g/cc	1183	1.14
Shrinkage		%		0.7-0.9
Melt Flow (230°C/2.16kg)		g/10min	1133	0.5
MECHANICAL				
Stress at yield	MPa	50mm/min	527	26
Ultimate elongation	%	50mm/min	527	230
Flexural Modulus	MPa		178	3150
Izod Impact, notched,	J	23° -30°C	ASTM D256	750 48
60° Gardner Gloss	%		2813	85-95
THERMAL				
HDT @ 0.46MPa	°C		75	114
CLTE(-30°C to 100°C)	mm/mm/°C		ASTM E831	0.000041
FLAMABILITY RATING				
Horizontal burn			UL94	HB

Finishing

Prime Super Tuff-X HG can be fabricated by using many techniques such as; drilling, routing, punching, sawing, laser or die cut. Mechanical screws and other type of fasteners may be used to join Prime Super Tuff-X HG parts together. It may also be bonded with certain types of adhesives.

Colours, Textures, Capabilities

Our Prime Super Tuff-X may be colour matched to meet your specifications. Furthermore, this product can be painted with a two part paint system. Prime Super Tuff-X HG is offered in gauges from 2mm to 8mm and in widths up to 2400 mm. Prime Super Tuff-X HG is offered in smooth texture.

Complies with UL 94 HB at thickness >1.5mm

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