



Prime ABS Film-X 100 is a Prime ABS substrate with a UV and chemical resistant film. It is available in high gloss with a good DOI or low gloss.



Prime ABS Film-X 100

Prime ABS Film-X 100	Very High	High	Avg.
Impact Strength			*
Low Temperature Impact Strength			*
Tensile Strength			*
Flexural Modulus			*
Heat Deflection Temperature			*

Property	Test Method	Value	Unit
Specific Gravity	D792	1.06	
Melt Flow	D1238	6.0	g/min
Tensile @ Yield, MD	D638	5500	psi
Tensile @ Yield, TD	D638	5300	psi
Tensile Modulus	D638	202,000	psi
Flexural Modulus	D790	274,000	psi
HDT @ 66 psi	D648	200	°F
HDT @ 264 psi	D648	179	°F
CLTE	D696	4.88 x 10 ⁻⁵	in/in/°F

Complies with UL 94-HB at thickness > 2.7 mm
Complies with FMVSS # 302 at thickness > 2.7 mm

Applications:

Prime ABS Film-X has a wide variety of possible exterior applications from side pillars, spoilers, side molding. It is ideal for any exterior application requiring a very high gloss or dull finish with UV and chemical resistance.

Finishing:

Cutting or machining of this product may be done by sawing, drilling, grinding, sanding, punching and die cutting. High pressure water and laser cutting will also work. This product may be bonded by chemicals, mechanical screws and other type of fasteners as well as sonic welding. Minor surface repairs may be made with Dupont 7 or 3M glazing compound.

Processing:

Thermoforming temperatures, mold temperatures, demolding and mold shrink are about the same as ABS. However, the film side of the sheet should be exposed to a minimum amount of heat in the oven of the former.

Colors, Textures and Capabilities:

Colors can be matched to any solid color, metallic, pearlescent, and tinted clears. Patterns include brushed metals, organics and geometrics.

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

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