



# Prime ABS Film-X 100

## Prime ABS Film-X 100:

*Prime ABS Film-X 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.*

## 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.*



## Processing:

*Thermoforming temperatures, mold temperatures, de-molding 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.*

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



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## 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.*

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

## Colors, Textures and Capabilities:

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

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 <sup>-5</sup>	in/in/°F

Complies with UL 94-HB at thickness > 2.7 mm

Complies with FMVSS # 302 at thickness > 2.7 mm

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