

Prime ABS Film-X 100

Our Prime ABS Film-X100 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.

Offers good impact strength, and good hot strength for thermoforming.

Customization

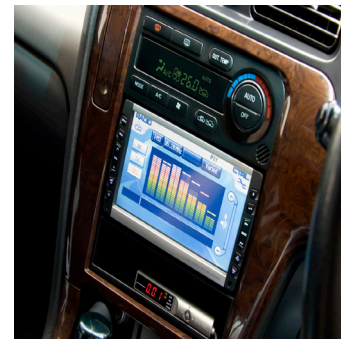
Prime ABS Film-X thermoforming temperatures, mold temperatures, de-molding, and mold shrink are about the same as ABS.

Prime ABS can be color matched to meet your specific requirements through our vertical integration with Primex Color, Compounding & Additives.

Sustainability

Prime ABS Film-X 100 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 ABS Film-X 100 | Data Sheet

Prime ABS Film-X 100 film side of the sheet should be exposed to a minimum amount of heat in the oven of the former.

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

Prime ABS Film-X, 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.

Colors, Textures, and Capabilities

Prime ABS Film-X colors can be matched to any solid color, metallic, pearlescent, and tinted clears. Patterns include brushed metals, organics and geometrics.

Property	Method	Value	Unit
Specific Gravity	D792	1.06	
Melt Flow	D1238	6.0	g/min
Tensile @ Yield, MD	D638	5,500	psi
Tensile @ Yield, TD	D638	5,300	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

UL compliant materials available upon request.

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