

AIRCRAFT Thermoplastic Mirrored Sheet

PLASKOLITE

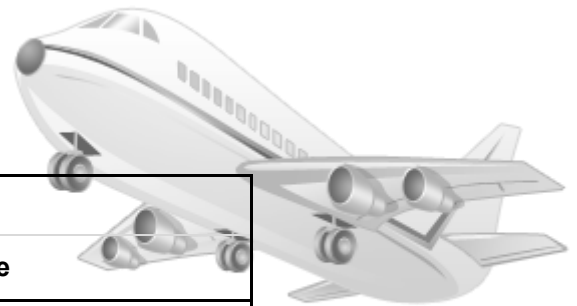
Plaskolite offers Aircraft Mirror for the transportation industry. For reflective surfaces far superior and more cost-effective than tempered glass and polished metal, Aircraft Mirror is an excellent choice. Aircraft Mirror sheet is manufactured from a lightweight, high quality, high-impact strength polycarbonate, that has the clarity of glass and meets FAR 25.853(a) flame retardant requirements. Aircraft Mirror has a proprietary abrasion resistant coating on one side that provides a high tolerance to scratching. The reverse side of the thermoplastic material has a metallic finish offering exceptionally high reflective values.

Aircraft Mirror Sheet offers:

- Glass-like clarity
- Ease in fabrication
- Surface-treated to resist abrasion
- High reflective values
- Flame-retardant (meets vertical burn requirements)
- Easily maintained

Applications Include:

- Toilet mirrors
- Stow bin mirrors
- Decorative panels



Typical Properties

AIRCRAFT MIRROR PROPERTIES		
Physical Properties	Test Method	Value
General Specific Gravity	ASTM D792	1.25
Water Absorption	ASTM 570	(24hrs @ 73°F) 0.20%
Mechanical Tensile Strength	ASTM D638	9,500 psi
Tensile Elongation	ASTM D638	95%
Flexural Modulus	ASTM D790	370,000 psi
Flexural Strength		13,500 psi
Compressive Strength	ASTM D695	12,500

FEATURES AND BENEFITS			
	Result		Result
Chemical Resistance	Excellent	Abrasion Resistance	Excellent
Electrical Properties	Fair	Formability	No
Clarity	Excellent	Impact Resistance	Excellent
Texture	No	Colour	Clear, Bronze & Grey
Standard Size	Yes	Temperature Resistance	Yes
Weather ability	Fair	Flammability	Yes
Code Approvals	FAR 25,853 (a) UL 94 - V - 0	Degrees of Light Transmission	Fair
Printability	No		

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee as conditions and methods of use are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale.