

## TECHNICAL DATA SHEET

### Aircraft Mirror Sheet



### Product Description

Shadowline/Mirror offers Aircraft Mirror for the transportation industry. For reflective surfaces far superior & more cost-effective than tempered glass & 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 & 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.

GLASS - LIKE CLARITY	EASILY FABRICATED
SURFACE -TREATED TO RESIST ABRASION	HIGH REFLECTIVE VALUES
FLAME - RETARDANT (MEETS VERTICAL BURN REQUIREMENTS)	EASILY MAINTAINED

Applications include lavatory mirrors, stow bin mirrors and decorative panels.

### Features and Benefits:

CHEMICAL RESISTANCE: Excellent	ABRASION RESISTANCE: Excellent
ELECTRIAL PROPERTIES: Fair	FORMABILITY: No
CLARITY: Excellent	IMPACT RESISTANCE: Excellent
TEXTURE: No	COLOR: Clear, Bronze & Grey
STANDARD SIZES: Yes	TEMPERATURE RESISTANCE: Good
WEATHERABILITY: Fair	FLAMMABILITY: Yes
CODE APPROVALS: Yes - meets FAR 25.853 (a) flame retardant requirements & UL 94 V-0	DEGREES OF LIGHT TRANSMISSION: Fair
PRINTABILITY: No	

### Product Data Sheet

Property	Typical Value	Test Method
General Specific Gravity	1,25 g/cm <sup>3</sup>	ASTM D792
Water Absorption	(24 hrs @ 730F) 0.20%	ASTM 570
Mechanical Tensile Strength	9,500 psi	ASTM D638
Tensile Elongation	95%	ASTM D638
Flexural Modulus	370,000 psi	ASTM D790
Flexural Strength	13,500 psi	ASTM D790
Compressive Strength	12500 psi	ASTM D695