

PRODUCT DESCRIPTION - DATA SHEET

APS Polymer 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

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

FEATURES & BENEFITS

Chemical Resistance: Excellent	Abrasion Resistance: Excellent
Electrical Properties: Fair	Formability: No
Clarity: Excellent	Impact Resistance: Excellent
Texture: No	Color: Clear, Bronze & Gray
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	

CONTACT US:

Stockholmer Platz 1, 70173, Stuttgart, Germany
+49 711 87089000
info@apspolymer.de
www.apspolymer.de

For UK:

www.apspolymer.co.uk
sales@apspolymer.co.uk