

Product Data – ACM OM



Properties:

Sheets (ASTM B209)	1100-H16/H18 Aluminum
Core	Extruded Solid Polyethylene
Texture Finish	Smooth
Color Finish	Polyester
Thermal Expansion	13.1x10 ⁻⁶ in/in/°F
Tolerances	(+/-) 1/4 in (Length & Width) and (+/-) 1/32 in (Thickness)
Squareness	Equal Within 1/8" (Diagonals)
Flatness	< 1/4 in / 4 ft (0.52%)

Performance:

Fire Performance ¹ (ASTM E84)	Class A Flame Spread Index (FSI) = 22 Smoke Developed Index (SDI) = 400	
Flexural Rigidity (EI) ^{2, 3} (ASTM E529)	5.59x10 ³ lb-in ² /ft (3mm)	22.0x10 ³ lb-in ² /ft (6mm)
Warranty ⁴	5 years against bond line delamination	
	5 years against color fade in excess of (8) NBS units and cracking, chipping, flaking, or peeling	

Notes:

1. Performed in conjunction with ASTM E529 Standard Guide for Conducting Flexural tests on beams and Girders for Building Construction.

PLASTICS, INC.

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