

## SMAC BARRIER<sup>®</sup> Damping Material

Category : Other Engineering Material

**Material Notes:**

SMAC BARRIER<sup>®</sup> is a new material developed by SMAC to complete the range of solutions for noise reduction into an aircraft. SMAC BARRIER<sup>®</sup> is an acoustic layer designed to reduce the transmission of sound and engineered to meet both Bunsen Test FAR25-853a and the radiant panel flammability tests FAR 25-856a without flame propagation. Applications: Aircraft trim panel noise barrier Aircraft flooring noise barrier Ceiling panels Information provided by SMAC MontBlac Groupe Technologies

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SMAC-BARRIER-Damping-Material.php](http://www.lookpolymers.com/polymer_SMAC-BARRIER-Damping-Material.php)

Physical Properties	Metric	English	Comments
Density	1.69 g/cc	0.0611 lb/in <sup>3</sup>	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	69	69	
Tensile Strength	7.90 MPa	1150 psi	
Elongation at Break	572 %	572 %	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	-60.0 - 200 Å°C	-76.0 - 392 Å°F	

Descriptive Properties	Value	Comments
Color	Blue	
Flame propagation	FAR	part 25.853 (a)
Flammability	FAR	part 25.853 (a)

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