

## DURASONIC<sup>®</sup> 5688

**Description:** DURASONIC<sup>®</sup> 5688 is an 80.0 oz/yd<sup>2</sup> mass loaded reinforced sound barrier specifically formulated to acoustic and flame-resistant aerospace applications with improved flexibility.

**Applications:** DURASONIC<sup>®</sup> 5688 combines the noise abatement properties of our DURASONIC<sup>®</sup> line with the high temperature flame resistant properties of our DURATRIM<sup>®</sup>. This latest generation provides improved flexibility.

**Compliance:** DURASONIC<sup>®</sup> 5688 is REACH compliant, DECA-BDE free and meets the requirements of FAR 25.853(a) and FAR 25.856.

### TYPICAL PHYSICAL PROPERTIES

Test and Methods	Imperial		Metric	
	Result	Unit	Result	Unit
<b>Weight</b> FSTM191.5041	80.0 ± 3	oz/yd <sup>2</sup>	2.7 ± 0.1	kg/m <sup>2</sup>
<b>Thickness</b> FSTM191.5030	0.064 ± 0.01	inches	1.6 ± 0.25	mm
<b>Vertical Flammability (MD/CD)</b> FAR 25.853(a)(1)(ii)	---	---	---	---
After Flame	0.0 / 0.0	seconds	0.0 / 0.0	seconds
Burn Length	0.1 / 0.1	inches	2.5 / 2.5	mm
Drip Time	0.0 / 0.0	seconds	0.0 / 0.0	seconds
<b>Tensile – Grab (MD/CD)</b> FSTM191.5100	547 / 954 ± 20	lbs	2433 / 4244 ± 89	N
<b>Radiant Panel (Face/Back)</b> FAR 25.856(a)	---	---	---	---
After Flame	0.0 / 0.0	seconds	0.0 / 0.0	seconds
Flame Propagation	0.0 / 0.7	inches	0.0 / 17.8	mm
<b>Tear – Trap (MD/CD)</b> ASTM D1117	173 / 135 ± 20	lbs	770 / 601 ± 89	N
<b>Standard Width</b>	48	inches	1219	mm

The information contained in this technical data bulletin is believed to be true and accurate. The typical physical properties are from historical testing and should not be considered a specification. This information is to be used only as a guide. It is the responsibility of the end user to determine the suitability of our products for each specific application.

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