

# NEW ZOTEK® F OSU FOAMS EXHIBIT VERY LOW OSU\* HEAT-RELEASE VALUES

New ZOTEK® F OSU closed-cell foams, based on Kynar® PVDF Fluoropolymer (polyvinylidene fluoride) and manufactured by Zotefoams Plc, the world's leading manufacturer of cross-linked block foams, have exhibited exceptionally

low OSU\* heat-release results, allowing them to meet the OSU\* 65/65 heat release requirements demanded by the aviation industry.



## ZOTEK® F OSU Flexible, Semi-Rigid and Rigid

PVDF foams exhibit excellent fire, smoke and toxicity (FST) performance and show exceptionally low OSU\* ratings (FAR 25.853 (d)). They are ideal for interior soft trim in combination with leathers, textiles and decorative laminates and low FST cores for composites and divider panels.

The most unique and beneficial feature of all ZOTEK® F foams is the capability to thermally mould the foam into complex three-dimensional shapes. The material can be thermoformed, compression-moulded and thermally bonded to create uniquely functional parts.



\* OSU: The Ohio State University test method to determine the total and release rate of heat from materials, products, or assemblies during combustion.

Grade	OSU Total <sup>1</sup> (1")	OSU Peak <sup>2</sup> (1")	OSU Total <sup>1</sup> (1/2")	OSU Peak <sup>2</sup> (1/2")	OSU Total <sup>1</sup> (1/4")	OSU Peak <sup>2</sup> (1/4")	OSU Total <sup>1</sup> (1/8")	OSU Peak <sup>2</sup> (1/8")
<b>ZOTEK® F OSU Flexible</b> 33 kg/m <sup>3</sup> / 2.1 pcf	48	57	20	40	9	20	3	8
<b>ZOTEK® F OSU Semi-Rigid</b> 34 kg/m <sup>3</sup> / 2.1 pcf	37	38	24	20	12	14	7	10
<b>ZOTEK® F OSU Rigid</b> 74 kg/m <sup>3</sup> / 4.6 pcf			31	41	13	19	10	17

1: (kWmin/min<sup>2</sup>); 2: (kW/m<sup>2</sup>)

## FOR MORE INFORMATION CONTACT:

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