

Application Case Story

Meldin® 7000 Series

APPLICATION:

Aerospace Engine
Vane Bushing

MATERIAL:

Meldin® 7021

PART DEFINITION:

Bushing

TECHNICAL DATA:

TYPICAL DIMENSIONS:

0.51" (13mm) Shaft

SPEED: Oscillating, 10 rpm

COUNTERFACE: Stainless Steel

LUBRICATION: None

WORKING TEMPERATURE:

Up to 600°F (315°C) Continuous

AREAS:

- High temperature locations in
jet engines

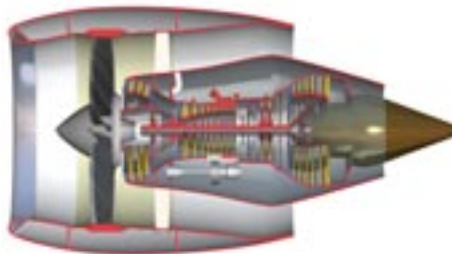
FEATURES / BENEFITS:

- Does not melt
- High thermal oxidative stability
- Gentle against mating bearing surfaces
- Easy to machine
- Compatible with aerospace fuels and oils

Meldin® 7021 is ideally suited for high temperature aerospace applications. Bushings made from Meldin® 7021 provide a bearing surface for vanes inside major OEM engines. They also provide longer life and reduced maintenance for airlines.



MELDIN® 7021 WEAR BUSHING
ON ROTATING VANE



JET ENGINE



Saint-Gobain Performance Plastics

North America: 1-800-223-4966 Bristol, RI, USA

Europe: +32 3 458 28 28 Kontich, Belgium

Asia: +81 33 26 30 285 Tokyo, Japan

Email: sgppl.marketing@saint-gobain.com

Website: www.rulon-meldin.com

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