Benefits of DuPont™ Vespel®
Polyimide Shapes:

• High service temperatures
• Low friction for smooth operation
• Long wear life
• Low creep, even at elevated temperatures
• Low wear on mating metal components
• Good thermal insulating properties
• Excellent dimensional stability
• Good chemical resistance
• A lightweight alternative to metal
• Excellent sealing characteristics

Grades used for aircraft applications:

Vespel® SP-1
Unfilled Grade

Vespel® SP-21
Friction and Wear Grade

Vespel® SCP-5000
Unfilled Grade with Enhanced Strength and Thermal Stability

Vespel® SCP-5050
Friction and Wear Grade with Enhanced Strength and Thermal Stability

Typical applications:

Pivot bushings on unison ring

Engine duct seals

Bellcrank bushings

Locking fasteners

Splines

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