DuPont™ Vespel® Bushings Adopted for EGR Valve

Description/Application
Taiho selects DuPont™ Vespel® bushings for a new EGR valve

Precisely controlled EGR valves are a critical component for achieving strict new emission standards for diesel engines. Vespel® bushings are helping to achieve these new levels of performance - in hot, dirty environments - by acting as the critical bearing surface in a new control-arm linkage designed by Taiho.

Benefits to Customer
Vespel® bushings help achieve emission standards

Vespel® SP parts maintain consistent performance over the life of the EGR valve despite operating in a very aggressive environment. The long-term dependability of the bushing helps ensure compliance to new emission standards.

Material Selected and Why
Excellent heat resistance, wear performance and self-lubrication

Vespel® bushings offer an excellent combination of properties including:

- High-heat resistance
- Self-lubrication
- Low levels of wear

The lack of a melting point or Tg enables Vespel® SP bushings to survive the high temperatures found near the engine and exhaust system. The self-lubricating characteristic allows the bushing to perform without lubrication even when exposed to the dirt and contamination found in the engine compartment – an almost impossible task for a metal bushing. The low-wear performance provides predictable, precise control of the EGR over the life of the component.
Let’s talk
We have right materials, technology
And technical resources to help you design
And manufacture superior parts and systems.
Please contact the nearest DuPont
Representative for your country.

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