

BREMSKERL

Der Spezialist für Brems- und Kupplungsbeläge
The specialist for brake and clutch linings



BREMSKERL R600 material

is a sintered material developed to fulfill the customer requirements for high energy strained applications and designed to minimise lifecycle costs.

Background: R600 is a copper based metallic friction material. This material is specially designed to meet high-performance requirements like wind turbines etc. The high temperature resistance and great friction performance combined with very high wear resistance distinguish this material and ensure the successful use in harshest application conditions.

Advantages: The stable friction performance and the high wear resistance ensure the operability of the brake system and reduce the cost for downtime and maintenance. The extreme high wear resistance represents the biggest advantage of the R600 material and make the low lifecycle cost possible.



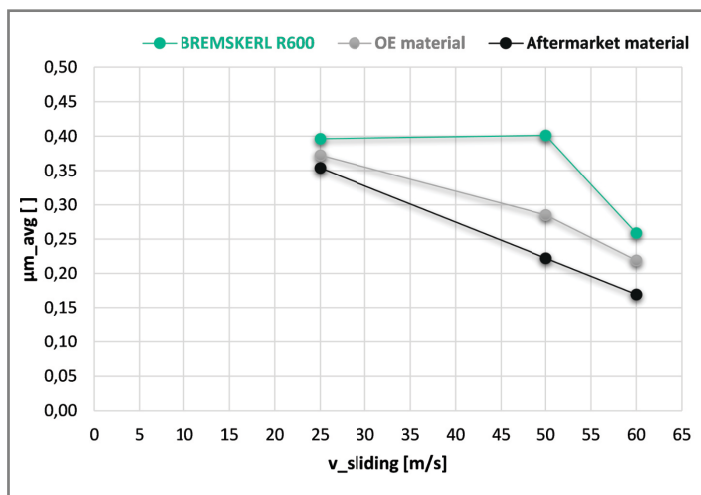
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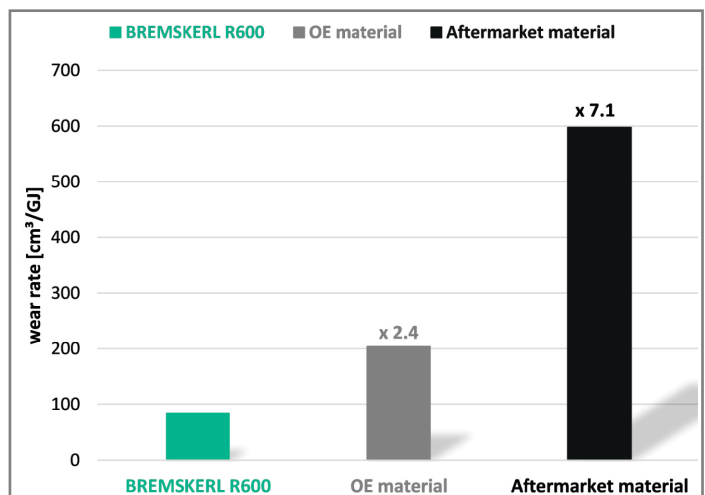


Comparison

Friction Performance



Wear Resistance





BREMSKERL R600

BREMSKERL R600 shows reduced hot spotting, minimising mating plate damage and extending rotor life.

When combined with decreased friction wear this will result in improved life cycle costs for the system.

Using our material gives the opportunity to reduce the overall maintenance cost and downtime of the system.



OE material



Aftermarket material

All three photos were taken at the same point of the test procedure and show both OE and aftermarket products exhibiting hot spotting.

Advantages of BREMSKERL R600

- Stable friction performance
- High wear resistance
- Long lifecycle
- Low lifecycle costs
- Less fade
- Reduced hot spotting
- Higher temperature resistance
- Improved speed sensitivity