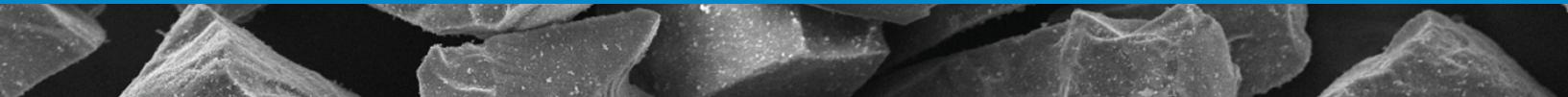


Prochim D F1 e Prochim D SF sono polveri di ferro allumino silicato naturale utilizzate come medio-alto abrasivo



Prochim D F1 and Prochim D SF are mineral iron aluminosilicate that work as medium-high abrasive

UTILIZZI E VANTAGGI

- » La serie PROCHIM D è costituita da materiali a medio/alto potere abrasivo.
- » I Prochim D hanno composizione chimica differente dal silicato di zirconio e caratteristiche simili quali durezza, densità e dimensioni delle particelle.
- » Nei materiali d'attrito presentano un livello di attrito simile al silicato di zirconio a un prezzo più vantaggioso.

USES AND BENEFITS

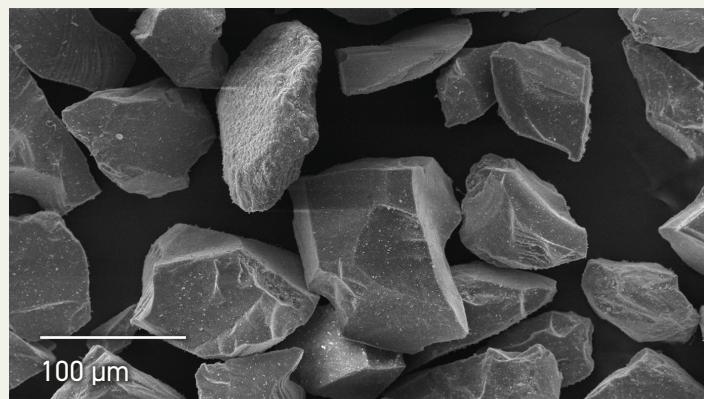
- » PROCHIM D series is composed of materials with medium/high abrasive power.
- » PROCHIM D has a chemical composition which differs from zirconium silicate, yet it has extremely similar characteristics such as hardness, density and particle size.
- » When used in friction material, it has a similar friction level to zirconium silicate at a very competitive price.

PROPRIETÀ CHIMICO FISICHE CHEMICAL AND PHYSICAL PROPERTIES

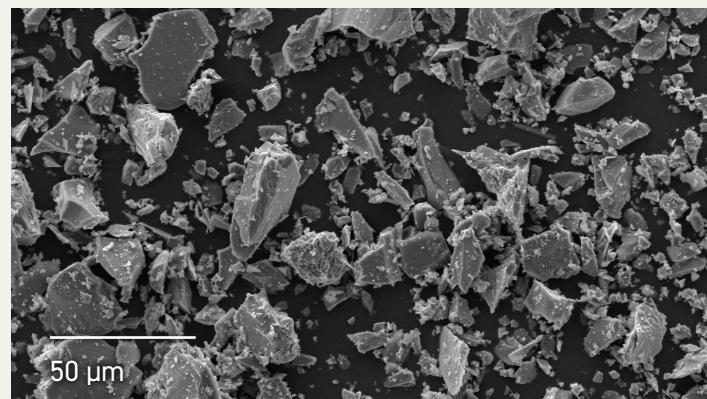
	PROCHIM D F1	PROCHIM D SF
Peso specifico Specific gravity		4.1 g/cm ³
Durezza Hardness		7.5 - 8 Mohs
Dimensioni medie Average particle size	<100 µm	<45 µm
Composizione chimica Chemical composition (*)	SiO_2 36% $\text{Fe}_2\text{O}_3 + \text{FeO}$ 30% Al_2O_3 20% MgO 6% Altro Other 8%	

(*) Valori tipici **Typical values**

PROCHIM D F1



PROCHIM D SF



PROCHIM D

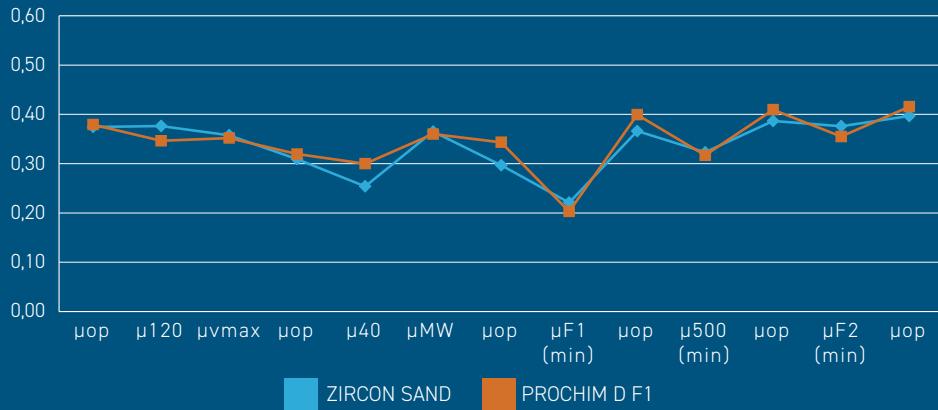
CONFRONTO TRIBOLOGICO TRA PROCHIM D E SILICATO DI ZIRCONIO

TRIBOLOGICAL COMPARISON OF PROCHIM D WITH ZIRCONIUM SILICATE

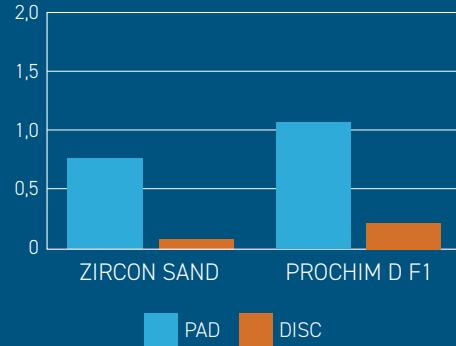
CONFRONTO TRIBOLOGICO TRA PROCHIM D F1 CON SABBIA DI SILICATO DI ZIRCONIO

TRIBOLOGICAL COMPARISON OF PROCHIM D F1 WITH ZIRCON SAND

AK-MASTER SAE J2522 - summary results



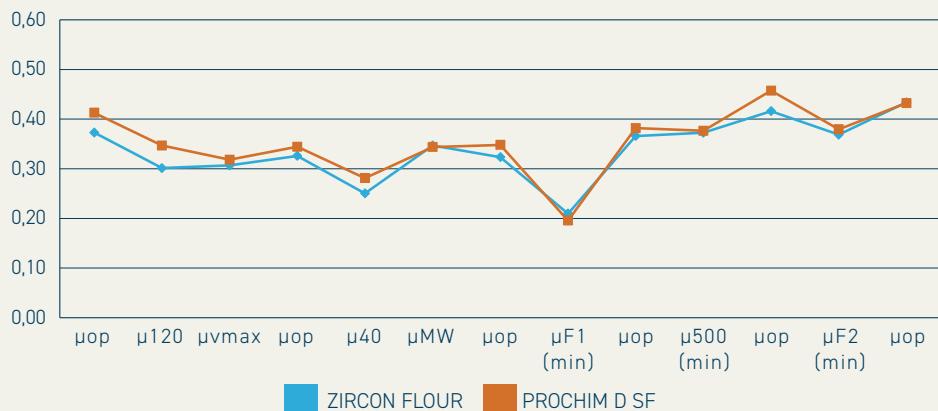
PAD AND DISC WEAR [mm]



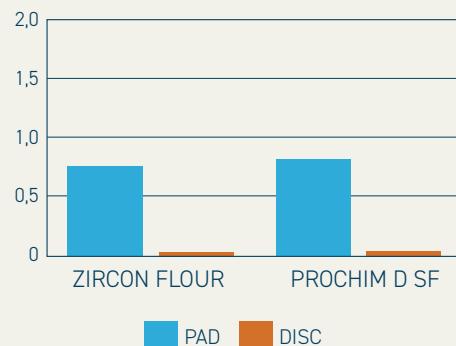
CONFRONTO TRIBOLOGICO TRA PROCHIM D SF CON FARINA DI SILICATO DI ZIRCONIO

TRIBOLOGICAL COMPARISON OF PROCHIM D SF FINE POWDER WITH ZIRCON FLOUR

AK-MASTER SAE J2522 - summary results



PAD AND DISC WEAR [mm]



I prodotti PROCHIM D rappresentano una valida soluzione nella formulazione di pastiglie freno, possono essere utilizzati in alternativa o in aggiunta ad altri materiali abrasivi come il silicato di zirconio.

PROCHIM D products represent a valid solution in formulation of friction brake pads, they can be used as an alternative or in addition to other abrasive materials such as zirconium silicate.

