

PROCHIM GP

Elastomero a base olefinica

Olefinic-based elastomer

Polimero innovativo in polvere con un'elevata capacità di smorzamento vibrazioni e rumore specificatamente sviluppato per il settore delle pastiglie freno che si può usare senza preparare premescole e senza usare agenti vulcanizzanti.

UTILIZZI E VANTAGGI

Prochim GP in comparazione alla gomma NBR:

- » Aumenta la compressibilità mantenendo bassi i valori di rigonfiamento a caldo.
- » Migliora il fading e le prestazioni ad alta temperatura.
- » Bassa usura.
- » Riduzione della rumorosità e smorzamento delle vibrazioni.

An innovative powder polymer with high damping capacity of both vibration and noise, developed and tailored to the brake pad field. May be used without pre-mixes and vulcanizing agents.

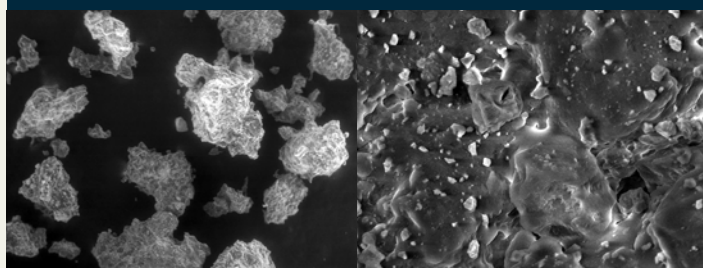
USES AND BENEFITS

Prochim GP compared to NBR rubber:

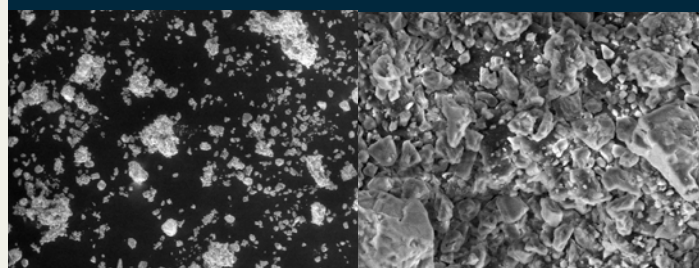
- » Increases cold compressibility.
- » Maintains low swelling values.
- » Improves fading and performance at high temperatures.
- » Low wear.
- » Reduces noise and improves damping.

	GP01	GP05
Descrizione <i>Description</i>	Virgin polymer	Compound
Granulometria <i>Particle size</i>	<1200 µm 100%	<1000 µm 100%
Materiali volatili <i>Volatile matters</i>	< 0.5%	< 1%
Densità <i>Density</i>	0.86 g/cm ³	1.18 g/cm ³
Aspetto / Colore <i>Appearance / Color</i>	Polvere grossolana di colore biancastro <i>Off-white coarse powder</i>	Polvere grossolana di colore grigio <i>Grey coarse powder</i>

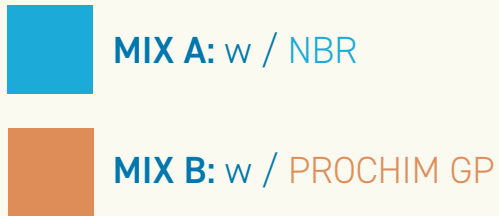
PROCHIM GP01



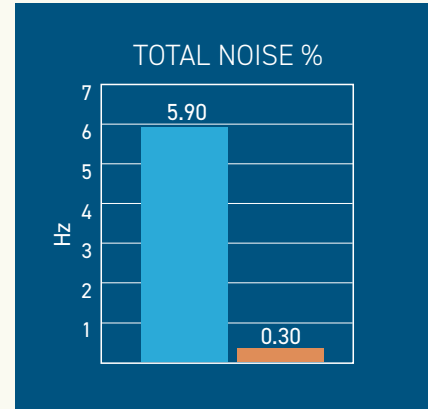
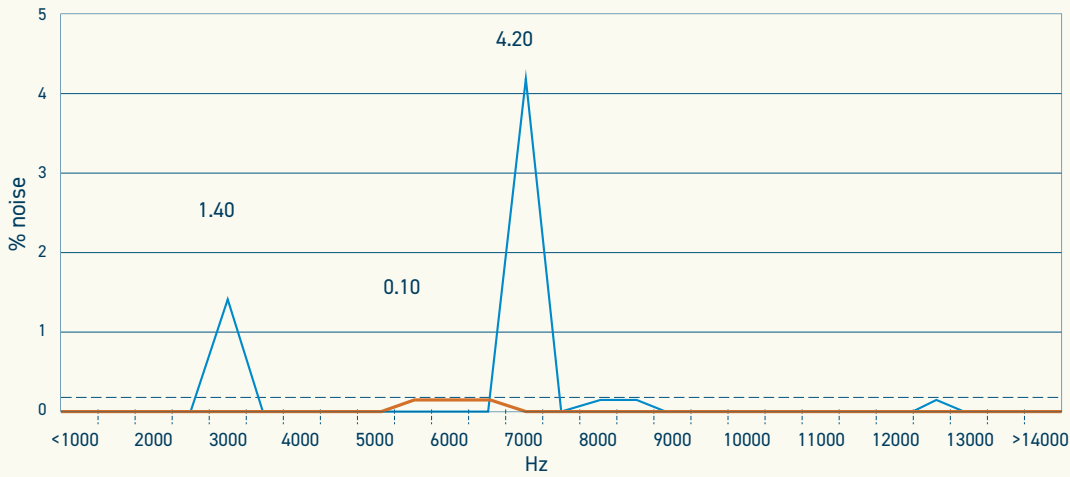
PROCHIM GP05



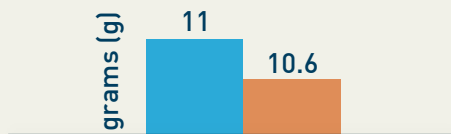
PROCHIM GP IN FRICTION



NOISE OCCURENCE %



FTM TEST WEAR DISC



AMS - DECELERATION

