



Intralube® S

Powder mix solution

Intralube S is a sponge-based press-ready mix that achieves excellent green strength, making it suitable for low-density applications such as shock absorber parts and self-lubricating bearings. Its green strength properties enable compaction of intricate design features and small wall thickness as well as facilitate handling and machining of green parts.

With a high flow rate and good filling characteristics, Intralube S provides an opportunity to increase the production rate. The mix also reduces tool wear and minimises risk of green cracks thanks to better lubrication.

Finally, as the mix is free from zinc, it produces clean parts and minimises residues in the furnace.

Main product benefits

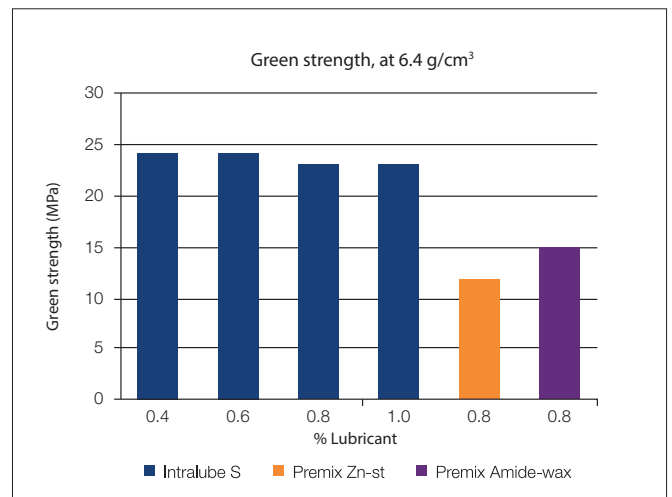
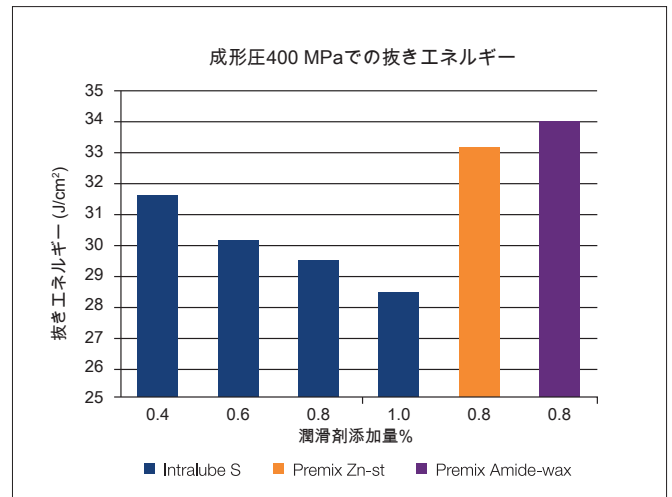
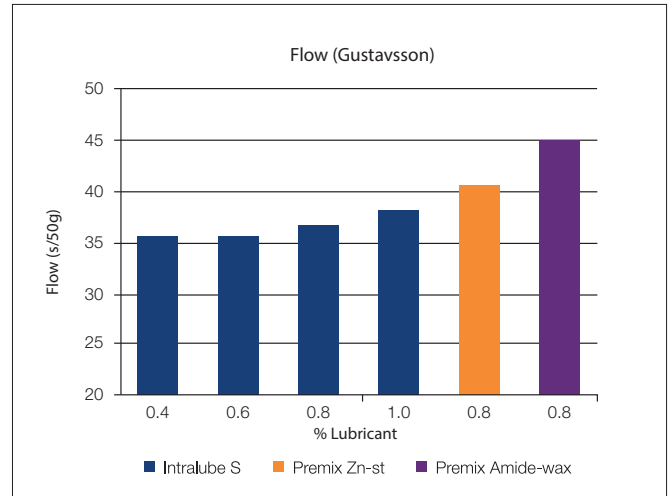
- » Excellent green strength
- » Improved filling
- » Better lubrication
- » Zinc-free

Basic product characteristics

Intralube S mixes, including those with higher lubricant content, have fast flow characteristics which open up opportunities for increased press productivity.

The mix system is optimised to work at the low densities typically used for sponge powders. The lubricant works efficiently and results in lower ejection energies, even when only small amounts of the lubricant are added.

Adding both large and small amounts of Intralube S makes it possible to achieve excellent green strength, thereby improving the already high levels of sponge powders.



Mix properties are measured on mixes with:
NC100.24 + 2% Cu + 0.5% C + lubricant



Scan the QR code for more information about the Pressing & Sintering product line and other Höganäs products.