



Starmix[®] Boost

For excellent lubrication and good filling

Starmix BOOST is a new zinc-free, press-ready bonded mix designed to tick all your metal powder performance criteria. A perfect blend that performs as well as its name suggests, especially when compacting more complex components and parts, such as synchronizer hubs, VVT parts and planetary carriers.

It has been customized for the production environment with productivity and ease of use in mind. The excellent filling behaviour enables faster pressing rates and a state-of-the-art lubrication system facilitates the forming and ejection of complex parts. With the exceptional component precision and consistency achieved, it is possible to reduce scatter (weight and height) by more than 50%, which can reduce machining, inspection and scrap costs.

If you are looking for more precise, consistent, stain-free sintered components combined with high productivity then there is only one choice – Starmix BOOST.

Features and benefits

- » Excellent filling for compaction of complex parts and increased productivity
- » Reduces machining, inspection and scrap costs
- » Reduces tool wear thanks to excellent lubrication
- » Enables stain-free components
- » Environmentally friendly solution without zinc that reduces furnace maintenance

The perfect blend

Component test results against comparable mixes show Starmix® BOOST to have a significantly better all-round performance across the main parameters of productivity, consistency, lubrication and scrap-rates.

Consistency

- Up to 50% reduction in average run-out
- 25-50% reduction in weight scatter
- 25-50% reduction in height scatter

Productivity

- 10-30% increase in productivity

Lubrication

- 15% reduction in ejection force

Environment

- 0% zinc

Take Starmix BOOST for a test drive

If you have complex components and parts where filling and lubrication become challenging issues then Starmix BOOST could be the perfect high-performance solution for you.

You can use Starmix BOOST in a wide variety of components and applications. Typically it can be used in the automotive industry to produce power train and engine components, such as, synchronizer hubs and rings, planetary carriers, torque converter hubs and VVT parts.

Other application areas are power tools, construction equipment, pumps, agricultural equipment, HVAC and home appliances.

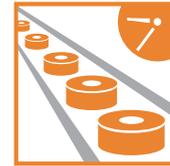
Whatever your application or component performance requirements are, why not put Starmix BOOST to the test and discover for yourself how it is setting new standards in sintered component manufacturing?



“10-30% productivity increase with superior precision and consistency of components produced”



Precision



Productivity



Stain-free



Lubrication



Scrapminimized

For more information, contact your local sales representative or e-mail info.boost@hoganas.com for more information.