Move Forward with TriboShield® Coating Solutions

TriboShield® coated products examples

TriboShield® TS161

TS161 is an engineering thermoplastic based composite coating composed of a primer and a top coat. Specifically designed for low friction at low loading conditions, it presents excellent wear resistance as one of its standout features. TS161 is part of the standard TriboShield® product range.

TYPICAL APPLICATIONS

- Conveyor deflectors
- Rod guides
- Automotive seat belt sliders
- Sliding guides for packaging lines

UNIQUE CHARACTERISTICS

- Low friction in low loading conditions
- Excellent wear resistance under low loads

TRIBOMATE UPGRADE AVAILABLE

No

For questions and assistance, contact a GGB engineer at: **https://www.ggbearings.com/en/contact**

TriboShield® TS161

TECHNICAL DATA

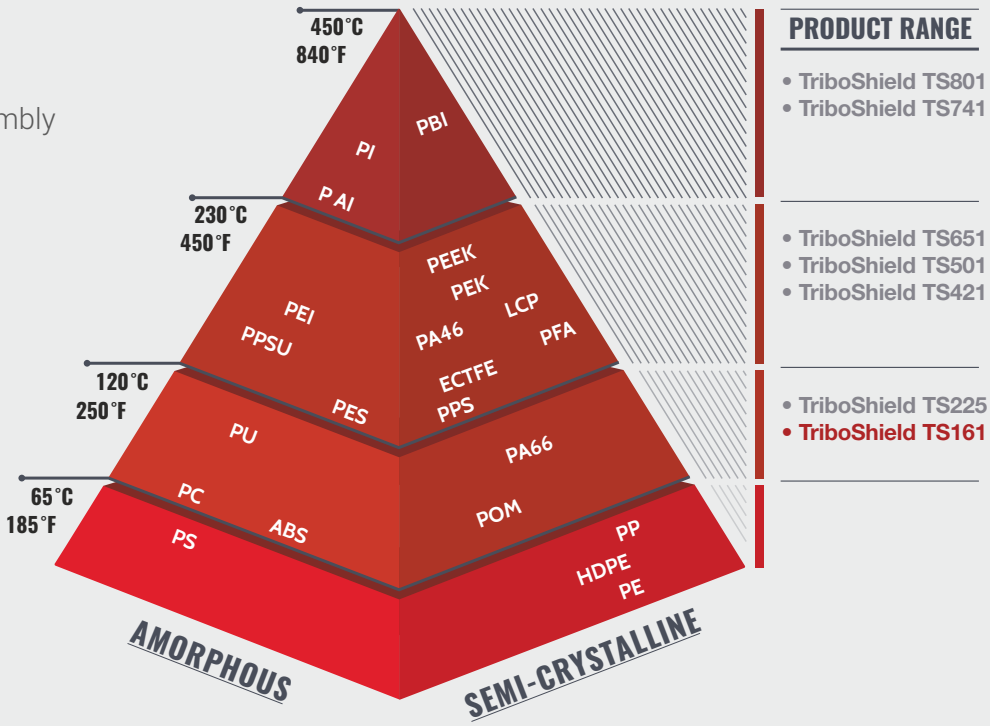
COATING PROPERTY	UNIT	VALUE
Color	-	Black
Maximum continuous service temperature	°C / °F	60 / 140
Maximum short-term peak temperature	°C / °F	80 / 176
Friction coefficient, typical range*	-	0.04 - 0.25
Food contact compliant**	-	No

** Dependent on contact pressure, sliding speed and contact geometry.*
*** Your specific food contact condition may require additional approval. Please contact your GGB representative for more information.*

TriboShield® Standard Product Range

COATING ADVANTAGES

- More compact design
- Less complex system assembly
- Reduced weight
- Increased surface durability



Standard Coatings Range

- PERFORMANCE
- PROCESSING COMPLEXITY
- COST

GGB is part of The Timken Company's portfolio of engineered bearings and industrial motion products.