

TRU TUNCARB PSR

TS METAL COATING TECHNOLOGY FOR PUMP SHAFT RE-BUILDS

- Composition: Al₂O₃, TiO₂, Bal.: Other Oxides
- Macrohardness: Rc 61
- Density: 3.5 g/cc
- Porosity: < 1%
- Bond Strength: Over Bond/Base Matl.: > 7,000 psi
- Thickness Limit: 0.020"
- Temperature Limit: 800° F

RECOMMENDED APPLICATIONS

TRU TUNCARB PSR is recommended for wear resistant coating where the least possible friction between the product and machine element is desired. **TRU TUNCARB PSR** overlay was developed to promote reduced coefficient of friction. Applications are in the machine tool industry where hard bearing surfaces operation against other metals are desired or where fretting and particle erosion constitute a problem.

SPECIFIC EXPERIENCE

Valve bodies, **pump shafts**, pump sleeves, plastic molds, textile rolls.

*Please contact your **TRU STEEL METALS** representative for more details