# Estane® TRX TPU



## Automation

- Reduced labor cost by thermoplastic injection molding
- Automated production possibility versus traditional rubber outsole molding

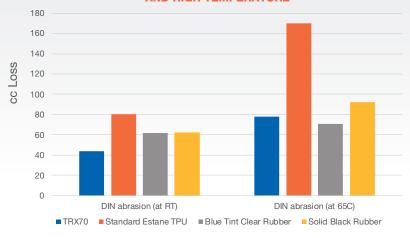
## Sustainability

 Recycling possibilities at outsole manufacturing and post with thermoplastic TPU which thermoset rubbers cannot provide

### Performance

- Exceptional slip resistance at wet ground condition
- Excellent wear resistance at room and high temperature against heat friction on the shoe outsole
- Transparent outsole enhancing color freedom for novel design.
- Thinner TPU outsole improves flexible outsole feeling and weight reduction

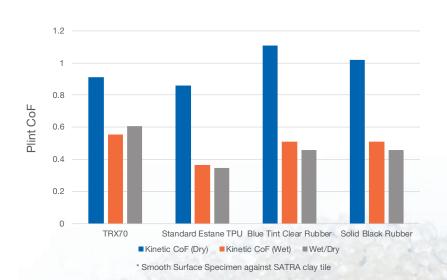
## DIN ABRASION AT ROOM TEMPERATURE AND HIGH TEMPERATURE











#### **ESTANE® TRX PRODUCT PORTFOLIO**

Estane® Product	Hardness (Shore A)	Tensile Strength (MPa)	Elongation (%)	Tear Strength (kN/m)	DIN abrasion (cc loss)	Haze
TRX 70	74	22	950	65	43	5.0
TRX 65*	69	25	1000	73	73	11.37
TRX 75*	78	34	875	92	45	8.35

<sup>\*</sup>Under development



ADVANCING MATERIALS.
ELEVATING PERFORMANCE.

