

# New Approach to Nylon Mar/Scratch Resistance with SOLID-TT™

## SOLID-TT™ additive

Solving surface marring problems from polishing, or the impact of abrasive particles, without losing impact strength, flexibility or other mechanical properties. There is no other additive solution.

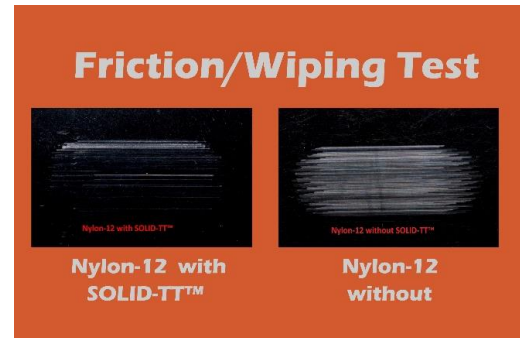
### An alternative to hard-coating

- > Cheaper than hard-coating & no capital costs
- > No solvents required – safe to handle
- > No rub off as **SOLID-TT™** is dispersed in the polymer
- > No effect on weathering
- > Can be thermoformed post treatment

### Outstanding anti-mar/anti-scratch performance

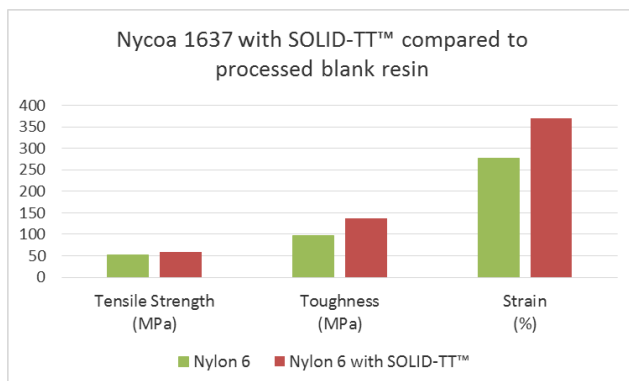
**Nylon-6:** Pencil Hardness to H (from HB without additive) and significant improvement to sandpaper wear tests.

**Nylon-12:** Pencil Hardness to HB (from 3B without additive), 45% higher according to the Erichsen Scratch, dramatically improved appearance after friction/wiping tests, such as Crockmaster.



### Increased Strength & Toughness

Making the best anti-scratch additives is our goal, but additional performance benefits are possible.



### Minimal Effect on Appearance

Incorporation of **SOLID-TT™** causes minimal discoloration and gloss reduction.

### Negligible Effect on Processing

Insignificant change to viscosity or melt-flow with the addition of a standard 1% by weight of **SOLID-TT™**.

### To Learn More Contact Us Now

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Welcome to TenasiTech Pty Ltd. We sell unique, high value additives for our customers to make superior plastics. Our patented additives allow our customers to develop new plastic products based on improved performance, such as mar/scuff resistance. TenasiTech has offices in the USA and Australia.

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