

TecnoClean *Cera Hybrid*

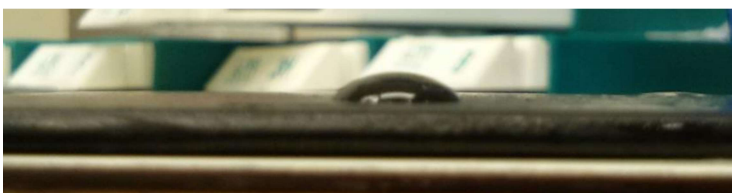
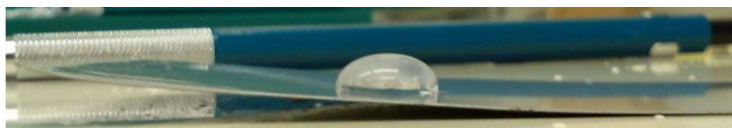
Excellent Non – Stick / Release Coating



Benefits

On Site Coating

- Excellent non-stick
- Excellent release
- Corrosion free
- Excellent ability to withstand heat
- Life time up to 10 years
- Fewer breaks
- Longer service intervals
- Better runnability at high speed



Problems

- Sticking
- Release problem
- Dusts, dirt
- Corrosion

Targets

Dryers and guide rolls

- Positions w or w/o doctoring
- First dryers
- After Coater
- Guide rolls in wet part
- Dirty and sticky positions
- High temperature positions

Technical details

- Base coating hardness
1200 ± 50 HV
- Thickness 100 - 150 µm
- Transparent
- Nano ceramic on WC base
- Operation temperature 20 – 200 °C

Contact angle

➔ TecnoClean Cera Hybrid

➔ FEP

➔ Standard on-site

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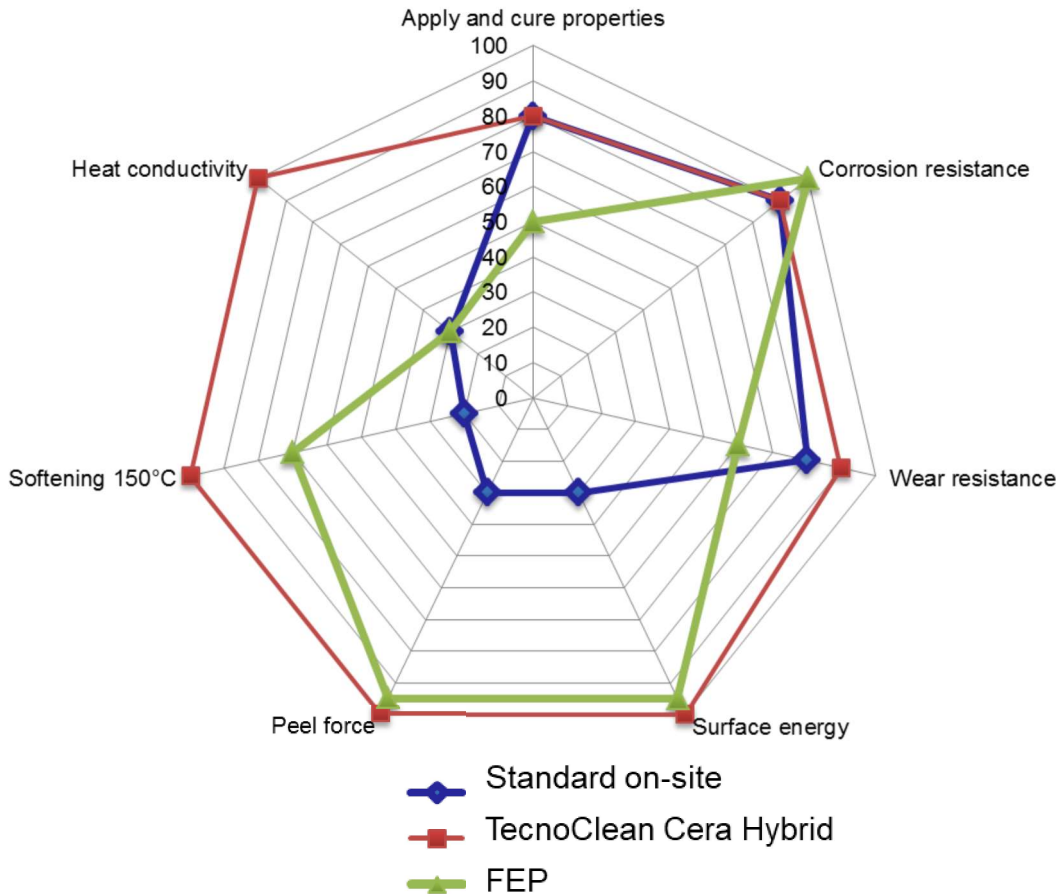
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Comparison of the characteristics with standard on-site version and FEP



CeraHybrid Features:

Apply and cure properties: Very good On Site thermal coating and curing properties

Corrosion resistance: Very good capability to resist corrosion.

Wear resistance: Excellent resistant against abrasion .

Surface energy: Coating surface owns remarkable lower surface energy related to bulk. Excellent release and low tension.

Peel force: Excellent non stick and cleaning properties. Low adhesion force.

Softening: Excellent ability to resist heat and maintain physical state solid .

Heat conductivity: Excellent ability to transfer heat.