

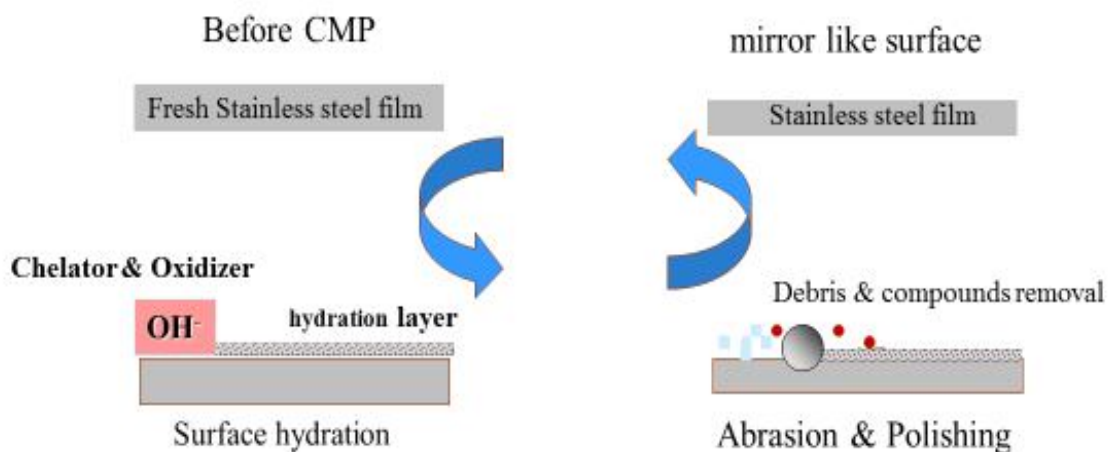
# Metal(SUS.304) CMP SN10400

## Benefits of Metal Slurry SN10400

Ferro SN10400 products meet all critical performance criteria:

- High throughput
- Low defectivity
- Low surface roughness
- Mirror-like surface with good surface flatness
- Excellent slurry stability and shelf life

## Reaction Mechanism for SN10400 Slurry



**CMP: Chemical Forces + Mechanical Forces, equally important!**

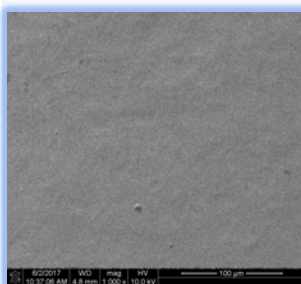
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## Fundamental Analysis for SN10400 Slurry

Item	SN10400	Competitor
pH	10.23	10.13
Solid content (%)	40.45	40.12
Mean Particle Size (nm)	250	111.2
Removal Rate (nm/min)	120	115
Roughness(Å)	< 2Å	< 6Å
Gloss@20 °	1474	1368

## Defect Inspection & Roughness

SN10400



Competitor



SN10400 has better performance than the competitor (by SEM and AFM)