

# CeraEdge™ Creping Blades

- Challenge** A tissue manufacturer was experiencing significant slab loss (nearly 10%) due to variations in quality of their product coming off the Yankee creping doctor. The manufacturer produces as many as 30 different grades with 50% of production coming from 9lb bath. Napkin grades are also produced. The standard blade is 1095 steel with an average life of 10-12 hours.
- Solution** The CeraEdge L was recommended for its ability to increase blade life over conventional steel, reduce sheet 2 sigma variations in tensile, stretch and caliper (slab loss factors), and produce a softer-to-the-touch sheet.
- Results** After running the CeraEdge creping blades the production team realized the following results:
- Slab loss reduction from 10% to nearly 0%
  - Significant reduction in blade wear rate (10 times the life over steel)
  - Increase in machine efficiency and operator safety due to reduction in blade changes
  - Less impact on Yankee coating as skinning blade did not need to be loaded for wash-ups
  - Decrease in 2 sigma variations
  - Sheet feels softer-to-the-touch for all grades

## Highlights

- Stable, optimum performance throughout the blade life.
- Reduced production downtime.
- Improved sheet softness.
- Fewer blade changes.

