

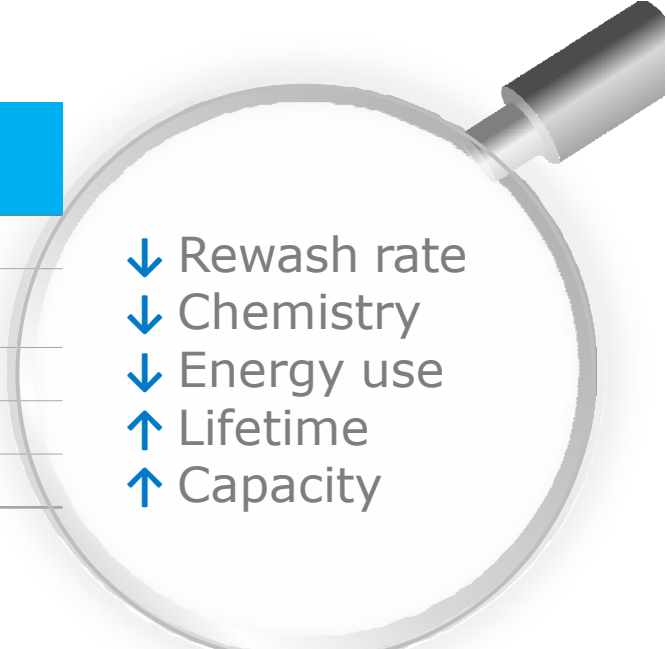
VALIDATED RESULTS

THIRD PARTY VALIDATION

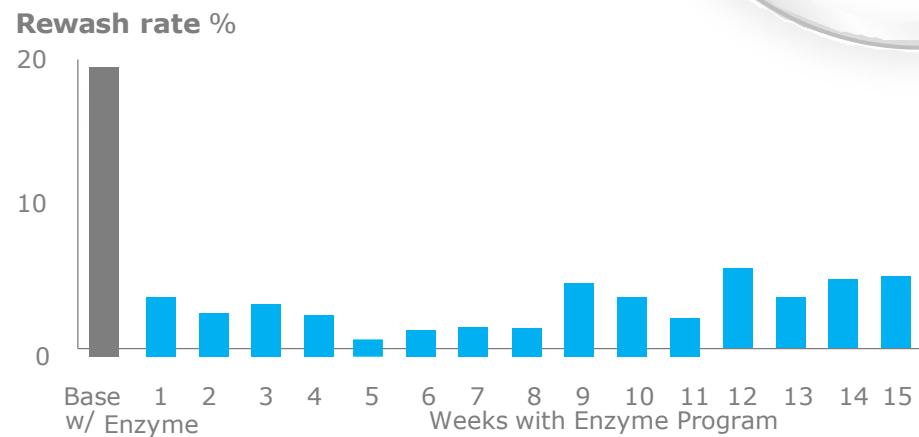
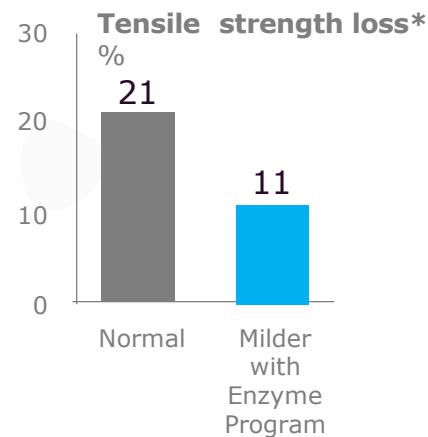
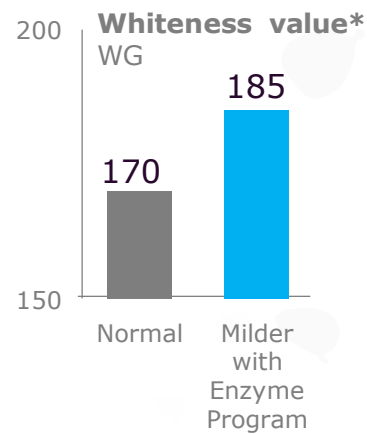
Objective

- Reduce chemistry, temperature and wash time to include a multi-enzyme solution
- Equipment: 130lb machine

Wash program	Normal	Milder with Enzyme Program
Total wash time	85 min	57 min
T (prewash/main wash)	35/70°C	45/60°C
Enzymes	Protease	Multi-enzyme
COD (Index)	100	50
CO ₂ (Index)	100	60



↓ Rewash rate
↓ Chemistry
↓ Energy use
↑ Lifetime
↑ Capacity



ProTEX PLUS

PROVEN RESULTS

Situation: A food and beverage laundry plant with an average of 250,000 daily pounds washed was looking for reduced operational costs with a lower alkali wash program

Action: After evaluating their operations, we converted the customer to ProTEX PLUS with customizations to fit their needs

Results: Maintained quality with significant alkali reduction and operational savings at same number of pounds washed

Metric	% Change
Electric Usage	8.5% decrease
Gas Usage	19.7% decrease
Water Usage	32.9% decrease
Run Time	14.9% decrease

*Reduction rates vary by classification

