

Sustainable indigo dyeing



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Sustainable indigo dyeing

A dyeing concept* combining:

Indigo solution

+

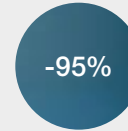
Organic reducing agent



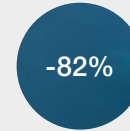
* Based on DyStar Cadira® Denim.

Sustainable process

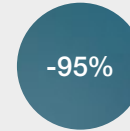
Strong reduction of effluent load*



Sulphate reduction



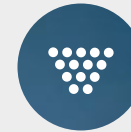
COD reduction



Total solids reduction

* Compared to conventional indigo powder dyeing

Substantial waste reduction*



Salt waste reduction

Up to 30,000 tons of salt in year
=
1,200 TRUCKLOADS OF WASTE

* Compared to Dystar dyeing with hydrosulphite; based on global indigo consumption

Saving natural resources



Water reduction

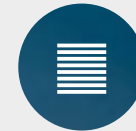
Up to 3.25 billion liters of water
=
DRINKING WATER
FOR 3.5 MILLION PEOPLE
PER YEAR

Improved occupational health



Better for people

Generating new denim shades & wash down effects



Innovation