

TECHNOCLEAN™ : for eco-friendly laundry

TECHNOCLEAN™ from Toray is a stain-repellent textile that uses nanoscale processing technology to greatly improve the ease with which stains can be removed, not just in home washing, but also in industrial washing.

TECHNOCLEAN™ EX is also in development!
Achieves both a natural, soft texture and high stain repellency!

A new stain-repellent treatment that stops stains from sticking to the fabric and makes them easier to remove in the wash.

Reduces the amount of water/detergent used and the amount of time needed for washing.

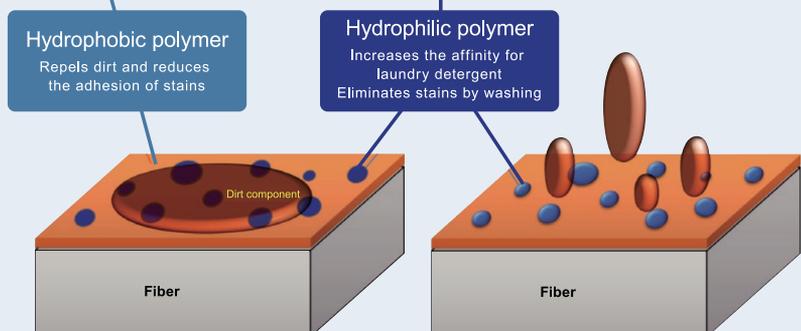
Uses nanoscale processing to greatly improve the ease with which stains can be removed. Can handle industrial washing.

Stain resistance testing

Number of times fabric has been through an industrial wash (before starting test)		Initial performance	10 times	30 times	50 times
Fabric soiling (before wash)					
Stains remaining on fabric (after wash)	Washing conditions				
	Standard wash	Class 4-5	Class 4-5	Class 4-5	Class 4-5
	Detergent amount: 1/2	Class 4-5	Class 4-5	Class 4-5	Class 4-5

Image of nano-scale processing technology

Hydrophobic component Hydrophilic component



Maintains excellent stain resistance and durability