



Medtech

Protech

Homotech

TE02000006



FreshDye

Functional Dyeing of Cotton and Co/PES blends

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- Durable freshness
- Anti-odour
- Comfort

Singlet oxygen production



No antimicrobial finishing needed

- ✓ Clothing for health care staff
- ✓ Bed linen
- ✓ Face masks



EN ISO 20743:2014: Antibacterial activity - A		
	100% Cotton	50/50 Co/PES
<i>E. coli</i>	3,5	4,1
<i>Ent. faecalis</i>	4,3	2,6

Reactive or vat/reactive dyeing of different shades

- Effect stable in repeated washing (60°C + chemo-thermodisinfection)
- Compatible with washpermanent FR, DWOR and top finishing



100% Cotton		combination of vat + PTC dyeing	
vat dyeing		PTC 0.5% (phthalocyanine only)	
-	-		washing 60°C: 4/4-5/4-5 hypochlorite: 1 lightfastness: 2 <i>E-coli</i> inhibition: 99%
vat 0.225%		vat 0.225% + PTC 0.5%	washing 60°C: 4/4-5/4-5 hypochlorite: 2-3 lightfastness: 3-4 <i>E-coli</i> inhibition: 100%
washing 60°C: 4-5/4-5/4-5 hypochlorite: 4-5 lightfastness: 6		vat 0.440%	vat 0.440% + PTC 0.5%
			washing 60°C: 4-5/4-5/4-5 hypochlorite: 3-4 lightfastness: 5 <i>E-coli</i> inhibition: 99,9%
vat 0.660%		vat 0.660% + PTC 0.5%	washing 60°C: 4-5/4-5/4-5 hypochlorite: 3-4 lightfastness: 5-6 <i>E-coli</i> inhibition: 85%
washing 60°C: 4-5/4-5/4-5 hypochlorite: 4-5 lightfastness: 6-7		vat 0.880%	vat 0.880% + PTC 0.5%
			washing 60°C: 4-5/4-5/4-5 hypochlorite: 4 lightfastness: 5-6 <i>E-coli</i> inhibition: 96%
vat 0.880%			
washing 60°C: 4-5/4-5/4-5 hypochlorite: 4-5 lightfastness: 6-7			

<i>E. coli</i> inh. 100%		0,5%
<i>E. coli</i> inh. 100%		1%
<i>E. coli</i> inh. 99%		2%
<i>E. coli</i> inh. 100%		3%
<i>E. coli</i> inh. 100%		4%
<i>E. coli</i> inh. 100%		5%
<i>E. coli</i> inh. 100%		6%



inoTEX®