

EASY CARE FINISHING AGENT NFD

[Uses]

Finishing agent NFD is a concentrated resin for easy-care finishing of textiles composed of cellulosic fibres and their blends with synthetic fibres. It gives extremely fabric formaldehyde levels while maintaining high physical performance.

[Benefits]

☆ Resin NFD, in combination with catalyst CS-200 or catalyst CQ-200, produces particularly low formaldehyde finishing effects.

☆ When correctly applied Resin NFD, meets all the requirement of consumer labels such as Eco-Tex Standard 100 for textiles near to the skin (<75ppm formaldehyde on the goods)

☆ High resistance to hydrolysis and low chlorine effect.

[Applications]

Resin NFD	60-100g/l
Catalyst CS-200	20-30g/l
Softener DT-5250	15-20g/l
Softener DT-6500	20-30g/l
Wetting agent	0.5-1g/l

pad, dry and cure 3min at 150°C



[Examples]

Construction : C 20×16 120×60 Twill fabric

Formulation: (g/L)

Other Resin	80	-
Resin NFD	-	80
Catalyst CS-200	25	25
Softener DT-6500	30	30
Softener DT-5250	20	20
Wetting Agent	1	1
PH Value	4-5	4-5

Wet pick-up 60-70%, dry as usual, cure 3 min at 150°C

Method	Evaluation	NFD Resin	Other Resin	
ASTM D 5034	Breaking Force (N)	warp	601.1	592.6
		weft	298.9	289.6
ASTM D 1424	Tear Force (N)	warp	9.35	9.0
		weft	8.2	8.45
AATCC 124	DP Ratings	3.5	3.5	
ISO 14184-1	Formaldehyde (ppm)	25	22	
-	Whiteness (%)	82.0	82.1	