

Products against thermally induced yellowing



- **PROTELAN CF 2**
- **competition 1**
- **competition 2**
- **competition 3**



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Comparison of products against thermally induced yellowing

material: 92/8 polyamide 6/elastane, optically brightened

recipes: anti-yellowing treatment,
pick up 70%, no pH adjustment,
post-setting 45 s at 192°C,
molding 120 s at 200°C

	without anti-yellowing agent	PROTELAN CF 2	competition 1	competition 2	competition 3
amount of use		10 g/l	10 g/l	10 g/l	10 g/l
degree of whiteness after postsetting 45" 192°C	138.8 CIE	143.1 CIE	142.7 CIE	142.4 CIE	141.9 CIE
degree of whiteness after molding 120" 200°C	96.4 CIE	128.6 CIE	126.9 CIE	126.2 CIE	124.7 CIE

PROTELAN CF 2 protects the polyamide/elastane fabric already during setting, but significant more during molding. Therefore PROTELAN CF 2 enables highest whiteness levels under strong contact heat conditions.