

Supporting Information

Next-Generation Cellulosic Filaments from Hemp Pulp via Dry-Jet Wet Spinning Using HighPerCell[®] Technology

Antje Ota ^{1,*}, Marc Philip Vocht ¹, Ronald Beyer ¹, Anne Reboux ², Charles Reboux ² and Frank Hermanutz ¹

¹ German Institutes of Textile and Fiber Research Denkendorf (DITF),
73770 Denkendorf, Germany

² RBX Créations, 17520 Neuillac, France

Table S1. Degree of crystallinity (I_c) and degree of crystalline orientation (f_t) of the filaments at 65 °C with different DR and different pulps: WP wood pulp and HP hemp pulp by RBX.

Sample-ID	WP-F		HP-F	
	-1	-2	-1	-2
DR	7.7	9.6	7.7	9.6
I_c [%]	65	n.d.	n.d.	65
Δn	0.040	n.d.	0.040	0.042
f_t	0.66 ± 0.04	n.d.	0.66 ± 0.02	0.68 ± 0.04

n.d. – not determined.