

PVA-Fibre Grade		STM		HPF		HP-2	
Item	Unit	Standard	3 year average	Standard	3 year average	Standard	3 year average
Titre	dtex	2,0 ± 0,25	2,03	2,0 ± 0,25	2,05	2,0 ± 0,25	2,06
Tenacity	cN/dtex	≥ 11,40	12,12	≥ 12,80	13,22	≥ 13,50	13,93
Young's Modulus	cN/dtex	≥ 260	282	≥ 290	311	≥ 330	336
Extension at Break	%	≤ 7,5	6,82	≤ 7	6,25	≤ 7	5,94
Cut Length	mm	4 or 5 or 6	4 or 5 or 6	4 or 5 or 6	4 or 5 or 6	4 or 5 or 6	4 or 5 or 6
Dispersability class	6 classes	1-2 from 6	1,32 from 6	1-2 from 6	1,33 from 6	1-2 from 6	1,33 from 6
Moisture Regain	%	5	5	5	5	5	5
Hot Water Solubility (*)	%	≤ 2,00	0,63	≤ 2,00	0,61	≤ 2,00	0,60
Sizing Agent	%	0,25 ± 0,15	0,25	0,25 ± 0,15	0,25	0,25 ± 0,15	0,25
Specific Gravity		1,29	1,29	1,29	1,29	1,29	1,29

(*) Hot Water Solubility Test at 90°C for 1 hour, double-checked with DSC (Differential Scanning Calorimetry) showing temperature range for melting