

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	2,05	2,0 ± 0,25	1,99	2,0 ± 0,25	2,04
Tenacity	cN/dtex	≥ 11,40	12,14	≥ 13,00	13,21	≥ 13,50	13,92
Young's Modulus	cN/dtex	≥ 260	282	≥ 300	310	≥ 330	335
Extension at Break	%	≤ 7,5	6,3	≤ 7	6,02	≤ 7	5,9
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	1,33 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	0,64	≤ 1,00	0,61	≤ 1,00	0,64
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