Technical data - fabrics

Recycled polyester fabric with glass yarn - starched

green

Properties	test method	unit	values				
			120	140	160	180	200
Thickness		mm	0.65	0.85	1	1.15	1.2
Strength resistance MD		kN/m	4	5.2	6	8	9
Strength resistance CMD		kN/m	3	4	4.4	5.6	7
Elongation at max load MD		%	20	20	20	25	25
Elongation at max load CMD		%	20	20	20	25	25
Shrinkage at 200°C		%	1	1	1	1	1

Virgin polyester fabric with glass yarn - starched

white

Properties	test method	unit	values				
			120	140	160	180	200
Thickness		mm	0.65	0.85	1	1.15	1.2
Strength resistance MD		kN/m	4.6	6	6.6	8.6	9.6
Strength resistance CMD		kN/m	3.6	4.4	4.8	6.6	7.6
Elongation at max load MD		%	20	20	20	25	30
Elongation at max load CMD		%	20	20	20	25	30
Shrinkage at 200°C		%	1	1	1	1	1

Compound Mat with glass mesh

fabric from recycled fibres - grey

Properties	test method	unit	values		
			100 with 5 x 5 mesh	100 with 6 x 6 mesh	100 with 8 x 8 mesh
Thickness		mm	0.7	0.7	0.7
Strength resistance MD		kN/m	8	10	15
Strength resistance CMD		kN/m	10	12	14
Elongation at max load MD		%	5	5	5
Elongation at max load CMD		%	5	5	5
Shrinkage at 200°C		%	1	1	1

Glass fibre fabric with glass yarn

Glass fibre fabric

Properties	test method	unit	values
			100
Thickness		mm	0.7
Strength resistance MD		kN/m	7.9
Strength resistance CMD		kN/m	4
Moisture content		%	0.15
Elongation at max load CMD		µm	13
Softening point		°C	840

Partial test data - EN ISO testing ongoing