



**Viledon® - Nonwovens for sandwich materials
of E-, C- and ECR-glass fibers**

Technical data			T 1775	T 1785	T 1776C	T 1777C	T 1778C	T 1790C	T 1791C	T 1792C	T 1790	T 1791
			E- glass		C-glass	C-glass	C-glass	C-glass	C-glass	C-glass	ECR	ECR
Fiber	DIN 60 001-T1		E- glass		C-glass	C-glass	C-glass	C-glass	C-glass	C-glass	ECR - glass	
Square weight	EN 29 073-T1	g/m ²	30	14	26	26	20	30	30	50	30	30
Thickness	EN 29 073-T2	mm	0,32	0,17	0,31	0,30	0,23	0,35	0,35	0,55	0,32	0,32
Max.tensile force length	EN 29 073-T3	N/50 mm	50	23	50	25	35	33	40	90	45	50
Max. tensile force cross	EN 29 073-T3	N/50 mm	30	15	30	18	22	20	23	40	15	17
Tensile force strain length	EN 29 073-T3	%	1	1	1	1	1	1	1	1	1	1
Tensile force strain cross	EN 29 073-T3	%	1	1	1	1	1	1	1	1	1	1
Solubility in styrol			good	---	---	good	---	good	---	---	good	---
Width standard		cm	100/200	100/200	100/200	100/200	100/200	100/200	100/200	100/200	100/200	100/200

This are avagage values which are subject to the usual production variations. The standard roll length is 250 m - the standard core diameter is 70 mm

Application fileds												
Hand- and spray laminate			XX			XX		XX			XX	
Pressing process					XX		XX		XX	XX		XX
Winding process	dry		XX		XX	XX	XX	XX	XX	XX	XX	XX
	wet				XX		XX		XX	XX		XX
RTM /vacuum infusion					XX		XX		XX	XX		XX
Pultrusion												
Injection					XX		XX		XX	XX		XX
Continuous processes (e.g.. Corugated panels)			XX	XX	XX		XX		XX	XX		XX