Code	0TQHST9900	FILM TECHNICAL DATA SHEET ETFECT film ETFE		
Type	FLUOROPOLYMER		rev.004	18/06/2020

	Units	Technical data	Typical values	Method
Dimensional Properties				
Nominal thickness	µm	100	102	ISO 4593
Width	m	.	.	ISO 4592
Average thickness-tolerance vs nominal	%	+-5	2,0%	ISO 4593
Minimum thickness measured	%	-10	-4,6%	
Mechanical Properties				
Tensile strength at break MD	MPa	>40	49	EN ISO 527-3
Tensile strength at break TD	MPa	>40	47	
Tensile strain at break MD	%	>300	310	
Tensile strain at break TD	%	>300	330	
Yield stress (10%)	Mpa	>20	25	
Tensile Modulus	Mpa	>950	1043	
Trouser tear method TD	N/mm	>400	420	DIN 53363
Creep test MD	%	0,5	.	8.5 EN 13206
Dart test	cN	.	.	Int.Method (IO 82.4002)
Optical Properties				
Visible transmittance (380:780 nm)	%	>90	92,5%	EN 2155-5
Solar heat gain factor (300:2500 nm)		.	.	EN 2155-9
Colour opacity		.	.	X-RITE
Other Properties				
Surface Tension	dyne/cm	.	.	Geometric
Surface weight (theoretical)	g/m^2	175	.	Int.Method
Fire classification				DIN 4102 B1 ASTM E108 A

I valori tipici riportati sono suscettibili di variazione - Typical values reported may vary

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