

Code	0TQHST9900	FILM TECHNICAL DATA SHEET			
Type	FLUOROPOLYMER		rev.004	17/06/2020	
		Units	Technical data	Typical values	Method
Dimensional Properties					
Nominal thickness		µm	150	155	ISO 4593
Width		m	.	.	ISO 4592
Average thickness-tolerance vs nominal		%	+5	3,3%	ISO 4593
Minimum thickness measured		%	-10	-0,1%	
Mechanical Properties					
Tensile strength at break MD		MPa	>40	49	EN ISO 527-3
Tensile strength at break TD		MPa	>40	49	
Tensile strain at break MD		%	>300	330	
Tensile strain at break TD		%	>300	355	
Yield stress (10%)		Mpa	>20	24	
Tensile Modulus		Mpa	>950	1017	
Trouser tear method TD		N/mm	>400	430	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	92,8%	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	263	.	Int.Method DIN 4102 B1
Fire classification					ASTM E108 A

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

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