

DATA SHEET			TF12			785 256		
Refractive Index	nd	1,78516	Abbe Number	Vd	25,67	Dispersion	nF-nC	0,030590
	ne	1,79238		Ve	25,46		nF'-nC'	0,031124
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Realative Partial Dispersions</u>		
ni	365,00	-	nF-nC	0,030590	Pe (i,h)	-		
nh	404,66	1,84283	nF'-nC'	0,031124	Pe (h,g)	0,5468		
ng	435,83	1,82581				Pe (g,F')	0,5437	
nF'	479,99	1,80889	<u>Deviation of Relative Partial Dispersions</u>			Pe (F',e)	0,5305	
n488,0	488,00	1,80644	delta Pe (i,F')	-	Pe (e,d)	0,2318		
ne	546,07	1,79238	delta Pe (g,F')	0,0111	Pe (d,C')	0,2377		
nd	587,56	1,78516	delta Pe (F',e)	0,0021	Pe (e,C')	0,4695		
n632,8	632,80	1,77905	delta Pe (F',r)	-0,0011	Pe (C,r)	0,1970		
nC'	643,85	1,77777	<u>Chemical Properties</u>			Pe (r,s)	0,2980	
n694,3	694,30	1,77270	Water Resistance	WRs	A	Pe (s,t)	0,2000	
nr	706,52	1,77165	Acide Resistance	AR*	3	<u>Internal Transmittance</u>		
ns	852,10	1,76236				10 mm		
nt	1 013,90	1,75613				T 365	-	
n1060,0	1 060,00	1,75478				T 400	0,223	
<u>Termal Properties</u>			<u>Mechanical Properties</u>			T 440	0,812	
Transformation Temperature, C	Tg	500	Density, g\c.cm.	SG	4,74	T 550	0,986	
Expansion Coefficient, 10 ⁻⁷ /C	Alpha	63	Grindability	HG	HG3	T 640	0,988	
			Knoop Hardness	KH	353,00	Ta	0,986	
			Photoelastic Coefficient, nm\cm 10 ⁻⁵ Pa	K	1,20	<u>Other Properties</u>		
<u>Temperature Coefficient of Refractive Index</u>						Bubble	B	5
Range of Temperature, C: - 60 ... 20, C'-Line	NTabs	85				Farbcode	FC	44\41
Range of Temperature, C: 20 ... 120, C'-Line	NTabs	105						
PG&F, TM (UA)			107			4 492 358 000		