

DATA SHEET			TBF25			812 374		
Refractive Index	nd	1,81239	Abbe Number	Vd	37,45	Dispersion	nF-nC	0,021690
	ne	1,81753		Ve	37,21		nF'-nC'	0,021973
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Realative Partial Dispersions</u>		
ni	365,00	-	nF-nC	0,021690		Pe (i,h)	-	
nh	404,66	1,85114	nF'-nC'	0,021973		Pe (h,g)	0,4955	
ng	435,83	1,84025	<u>Deviation of Realative Partial Dispersions</u>			Pe (g,F')	0,5133	
nF'	479,99	1,82897	delta Pe (i,F')	-		Pe (F',e)	0,5207	
n488,0	488,00	1,82730	delta Pe (g,F')	-0,0019		Pe (e,d)	0,2341	
ne	546,07	1,81753	delta Pe (F',e)	-0,0010		Pe (d,C')	0,2453	
nd	587,56	1,81239	delta Pe (F',r)	0,0019		Pe (e,C')	0,4793	
n632,8	632,80	1,80793	<u>Chemical Properties</u>			Pe (C,r)	0,2080	
nC'	643,85	1,80700	Water Resistance	WRs	s	Pe (r,s)	0,3280	
n694,3	694,30	1,80322	Acide Resistance	AR*	4	Pe (s,t)	0,2350	
nr	706,52	1,80243				<u>Internal Transmittance</u>		
ns	852,10	1,79522				10 mm		
nt	1 013,90	1,79006				T 365	-	
n1060,0	1 060,00	1,78888				T 400	0,312	
<u>Termal Properties</u>			<u>Mechanical Properties</u>			T 440	0,968	
Transformation Temperature, C	Tg	605	Density, g/c.cm.	SG	4,48	T 550	0,994	
Expansion Coefficient, 10 ⁻⁷ /C	Alpha	66	Grindability	HG	HG4	T 640	0,997	
			Knoop Hardness	KH	-	Ta	0,994	
			Photoelastic Coefficient, nm\cm 10 ⁻⁵ Pa	K	1,85	<u>Other Properties</u>		
<u>Temperature Coefficient of Refractive Index</u>						Bubble	B	5
Range of Temperature, C: - 60 ... 20, C'-Line	NTabs	53				Farbcode	FC	45\40
Range of Temperature, C: 20 ... 120, C'-Line	NTabs	74						
PG&F, TM (UA)			111			4 492 276 000		