

DATA SHEET			KF7			517 511		
Refractive Index	nd	1,51759	Abbe Number	Vd	51,15	Dispersion	nF-nC	0,010120
	ne	1,52000		Ve	50,87		nF'-nC'	0,010223
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Realative Partial Dispersions</u>		
ni	365,00	1,54363	nF-nC	0,010120		Pe (i,h)	0,8320	
nh	404,66	1,53512	nF'-nC'	0,010223		Pe (h,g)	0,4690	
ng	435,83	1,53032	<u>Deviation of Realative Partial Dispersions</u>			Pe (g,F')	0,4958	
nF'	479,99	1,52526	delta Pe (i,F')	0,0140		Pe (F',e)	0,5136	
n488,0	488,00	1,52449	delta Pe (g,F')	0,00080		Pe (e,d)	0,2362	
ne	546,07	1,52000	delta Pe (F',e)	-0,00030		Pe (d,C')	0,2501	
nd	587,56	1,51759	delta Pe (F',r)	-0,00040		Pe (e,C')	0,4863	
n632,8	632,80	1,51549	<u>Chemical Properties</u>			Pe (C,r)	0,2150	
nC'	643,85	1,51503	Water Resistance	WRs	A	Pe (r,s)	0,3520	
n694,3	694,30	1,51322	Acide Resistance	AR*	1	Pe (s,t)	0,2700	
nr	706,52	1,51283	<u>Mechanical Properties</u>			<u>Internal Transmittance</u>		
ns	852,10	1,50923	Density, g/c.cm.	SG	2,51	10 mm		
nt	1 013,90	1,50647	Grindability	HG	HG3	T 365	-	
n1060,0	1 060,00	-	Knoop Hardness	KH	-	T 400	0,9670	
<u>Termal Properties</u>			Photoelastic Coefficient, nm\cm	K	3,25	T 440	0,9800	
Transformation Temperature, C	Tg	520	10 ⁻⁵ Pa					
Expansion Coefficient, 10 ⁻⁷ /C	Alpha	59	<u>Temperature Coefficient of Refractive Index</u>			<u>Other Properties</u>		
			Range of Temperature, C: - 60 ... 20, C'-Line	NTabs	23	Bubble	B	4
			Range of Temperature, C: 20 ... 120, C'-Line	NTabs	40	Farbcode	FC	38\36
PG&F, TM (UA)			15			4 492 207 000		