

DATA SHEET			BK4			530 604		
Refractive Index	nd	1,53028	Abbe Number	Vd	60,47	Dispersion	nF-nC	0,008770
	ne	1,53237		Ve	60,20		nF'-nC'	0,008843
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Realative Partial Dispersions</u>		
ni	365,00	1,55180	nF-nC	0,008770		Pe (i,h)	0,7600	
nh	404,66	1,54508	nF'-nC'	0,008843		Pe (h,g)	0,4469	
ng	435,83	1,54113	<u>Deviation of Realative Partial Dispersions</u>			Pe (g,F')	0,4807	
nF'	479,99	1,53688				delta Pe (i,F')	-0,0090	
n488,0	488,00	1,53622	delta Pe (g,F')	-0,0003		Pe (e,d)	0,2362	
ne	546,07	1,53237	delta Pe (F',e)	0,0020		Pe (d,C')	0,2539	
nd	587,56	1,53028	delta Pe (F',r)	-0,0028		Pe (e,C')	0,4900	
n632,8	632,80	1,52843	<u>Chemical Properties</u>			Pe (C,r)	0,2200	
nC'	643,85	1,52803				Water Resistance	WRs	A
n694,3	694,30	1,52643	Acide Resistance	AR*	1	Pe (s,t)	0,2820	
nr	706,52	1,52609	<u>Mechanical Properties</u>			<u>Internal Transmittance</u>		
ns	852,10	1,52287				Density, glc.cm.	SG	2,76
nt	1 013,90	1,52038	Grindability	HG	HG3	T 365	0,946	
n1060,0	1 060,00	1,51978	Knoop Hardness	KH	-	T 400	0,984	
<u>Termal Properties</u>			Photoelastic Coefficient, nm/lcm 10 ⁻⁵ Pa	K	3,00	T 440	0,986	
Transformation Temperature, C	Tg	555	<u>Temperature Coefficient of Refractive Index</u>			T 550	0,995	
Expansion Coefficient, 10 ⁻⁷ /C	Alpha	78				Range of Temperature, C: - 60 ... 20, C'-Line	NTabs	9
			Range of Temperature, C: 20 ... 120, C'-Line	NTabs	23	Ta	0,995	
			<u>Other Properties</u>			Bubble	B	4
						Farbcode	FC	34/31
PG&F, TM (UA)			25			4 492 081 000		