

DATA SHEET			BK10			568 560		
Refractive Index	nd	1,56889	Abbe Number	Vd	56,05	Dispersion	nF-nC	0,010150
	ne	1,57131		Ve	55,76		nF'-nC'	0,010245
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Relative Partial Dispersions</u>		
ni	365,00	1,59417	nF-nC	0,010150		Pe (i,h)	0,7780	
nh	404,66	1,58620	nF'-nC'	0,010245		Pe (h,g)	0,4545	
ng	435,83	1,58154	<u>Deviation of Relative Partial Dispersions</u>			Pe (g,F')	0,4871	
nF'	479,99	1,57655	delta Pe (i,F')	-0,0180		Pe (F',e)	0,5119	
n488,0	488,00	1,57580	delta Pe (g,F')	-0,0006		Pe (e,d)	0,2360	
ne	546,07	1,57131	delta Pe (F',e)	0,0008		Pe (d,C')	0,2522	
nd	587,56	1,56889	delta Pe (F',r)	-0,0020		Pe (e,C')	0,4881	
n632,8	632,80	1,56676	<u>Chemical Properties</u>			Pe (C,r)	0,2170	
nC'	643,85	1,56631	Water Resistance	WRs	A	Pe (r,s)	0,3520	
n694,3	694,30	1,56448	Acide Resistance	AR*	4	Pe (s,t)	0,2670	
nr	706,52	1,56408	<u>Mechanical Properties</u>			<u>Internal Transmittance</u>		
ns	852,10	1,56047	Density, g/c.cm.	SG	3,12	10 mm		
nt	1 013,90	1,55774	Grindability	HG	HG3	T 365	0,916	
n1060,0	1 060,00	1,55709	Knoop Hardness	KH	-	T 400	0,987	
<u>Termal Properties</u>			Photoelastic Coefficient, nm\cm 10 ⁻⁵ Pa	K	3,00	T 440	0,990	
Transformation Temperature, C	Tg	575	<u>Temperature Coefficient of Refractive Index</u>			T 550	0,997	
Expansion Coefficient, 10 ⁻⁷ /C	Alpha	70	Range of Temperature, C: - 60 ... 20, C'-Line	NTabs	16	T 640	0,995	
			Range of Temperature, C: 20 ... 120, C'-Line	NTabs	31	Ta	0,997	
						<u>Other Properties</u>		
						Bubble	B	3
						Farbcode	FC	35\33
PG&F, TM (UA)			35			4 492 088 000		