

DATA SHEET			BK8			546 627		
Refractive Index	nd	1,54678	Abbe Number	Vd	62,78	Dispersion	nF-nC	0,008710
	ne	1,54886		Ve	62,56		nF'-nC'	0,008774
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Relative Partial Dispersions</u>		
ni	365,00	1,56796	nF-nC	0,008710		Pe (i,h)	0,7510	
nh	404,66	1,56137	nF'-nC'	0,008774		Pe (h,g)	0,4406	
ng	435,83	1,55750	<u>Deviation of Relative Partial Dispersions</u>			Pe (g,F')	0,4778	
nF'	479,99	1,55331	delta Pe (i,F')	0,0050		Pe (F',e)	0,5073	
n488,0	488,00	1,55268	delta Pe (g,F')	0,0002		Pe (e,d)	0,2373	
ne	546,07	1,54886	delta Pe (F',e)	0,0001		Pe (d,C')	0,2554	
nd	587,56	1,54678	delta Pe (F',r)	-0,0012		Pe (e,C')	0,4927	
n632,8	632,80	1,54494	<u>Chemical Properties</u>			Pe (C,r)	0,2230	
nC'	643,85	1,54454	Water Resistance	WRs	A	Pe (r,s)	0,3750	
n694,3	694,30	1,54292	Acide Resistance	AR*	4	Pe (s,t)	0,2970	
nr	706,52	1,54258	<u>Mechanical Properties</u>			<u>Internal Transmittance</u>		
ns	852,10	1,53929	Density, g/c.cm.	SG	2,85	10 mm		
nt	1 013,90	1,53668	Grindability	HG	HG4	T 365	0,928	
n1060,0	1 060,00	1,53604	Knoop Hardness	KH	-	T 400	0,986	
<u>Thermal Properties</u>			Photoelastic Coefficient, nm\cm 10 ⁻⁵ Pa	K	2,85	T 440	0,987	
Transformation Temperature, C	Tg	595	<u>Temperature Coefficient of Refractive Index</u>			T 550	0,995	
Expansion Coefficient, 10 ⁻⁷ /C	Alpha	62	Range of Temperature, C: - 60 ... 20, C'-Line	NTabs	13	T 640	0,994	
			Range of Temperature, C: 20 ... 120, C'-Line	NTabs	29	Ta	0,995	
			<u>Other Properties</u>			Bubble	B	4
						Farbcode	FC	35\32
PG&F, TM (UA)			29			4 492 085 000		