

DATA SHEET			K15			533 554		
Refractive Index	nd	1,53359	Abbe Number	Vd	55,47	Dispersion	nF-nC	0,009620
	ne	1,53588		Ve	55,18		nF'-nC'	0,009711
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Relative Partial Dispersions</u>		
ni	365,00	1,55756	nF-nC	0,009620		Pe (i,h)	0,7770	
nh	404,66	1,55001	nF'-nC'	0,009711		Pe (h,g)	0,4555	
ng	435,83	1,54559	<u>Deviation of Relative Partial Dispersions</u>			Pe (g,F')	0,4877	
nF'	479,99	1,54085				delta Pe (i,F')	-0,0230	
n488,0	488,00	1,54013	delta Pe (g,F')	-0,0008		Pe (e,d)	0,2359	
ne	546,07	1,53588	delta Pe (F',e)	0,0008		Pe (d,C')	0,2519	
nd	587,56	1,53359	delta Pe (F',r)	-0,0018		Pe (e,C')	0,4878	
n632,8	632,80	1,53157	<u>Chemical Properties</u>			Pe (C,r)	0,2170	
nC'	643,85	1,53114				Water Resistance	WRs	B
n694,3	694,30	1,52940	Acide Resistance	AR*	2	Pe (s,t)	0,2660	
nr	706,52	1,52903	<u>Internal Transmittance</u>			10 mm		
ns	852,10	1,52561				T 365	0,972	
nt	1 013,90	1,52303	T 400	0,994				
n1060,0	1 060,00	1,52242	T 440	0,989				
<u>Thermal Properties</u>			<u>Mechanical Properties</u>			T 550	0,996	
Transformation Temperature, C	Tg	550	Density, g/cm ³	SG	2,76	T 640	0,995	
Expansion Coefficient, 10 ⁻⁷ /C	Alpha	93	Grindability	HG	HG4	Ta	0,996	
<u>Temperature Coefficient of Refractive Index</u>			Knoop Hardness	KH	-	<u>Other Properties</u>		
			Photoelastic Coefficient, nm/cm 10 ⁻⁵ Pa	K	3,55			
Range of Temperature, C: - 60 ... 20, C'-Line	NTabs	8	<u>Temperature Coefficient of Refractive Index</u>			Bubble	B	4
Range of Temperature, C: 20 ... 120, C'-Line	NTabs	20				Farbcode	FC	30\28
PG&F, TM (UA)			26			4 492 061 000		