



Refractive Index Liquid **Series M**
 Refractive Index **1.80000** at 589.3 nm and 25 °C

Cauchy Coefficients A B C
 #VALUE! #VALUE! #VALUE!

Cauchy Equation at 25°C $A + B / \lambda^2 + C / \lambda^4$ (λ = Wavelength in nm)

Wavelength (nm)	Refractive Index	Transmittance			
		0.1 mm	1 mm	1 cm	10 cm
225.0	-	-	-	-	-
240.0	-	-	-	-	-
250.0	-	-	-	-	-
270.0	-	-	-	-	-
290.0	-	-	-	-	-
308.0	-	-	-	-	-
355.0	-	-	-	-	-
365.0	-	-	-	-	-
406.0	-	-	-	-	-
473.0	-	-	-	-	-
532.0	1.8175	82	13	0	0
589.3	1.8000	97	76	6	0
632.8	1.7897	99	90	34	0
656.3	1.7850	99	92	43	0
790.0	1.7656	99	94	51	0
828.0	1.7617	100	97	77	7
981.0	1.750	100	99	94	54
1310.0	1.738	100	100	99	90
1550.0	1.733	100	100	98	82
2500.0	-	-	-	-	-
3700.0	-	-	-	-	-

($n_F - n_C$) 0.0511

Abbe v_D 15.7

Temp. Coefficient -0.000711 dn_D/dt (15 - 35 °C)

Shelf Life: 18 Months from Date of Manufacture for Unopened Bottles; Half the Remaining Time after Opening