



Refractive Index Liquid **Series M**
 Refractive Index **1.79000** 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	1.8057	90	36	0	0
589.3	1.7900	99	87	25	0
632.8	1.7810	99	95	58	0
656.3	1.7769	100	96	66	1
790.0	1.7605	100	97	71	3
828.0	1.7573	100	99	88	26
981.0	1.748	100	99	94	54
1310.0	1.738	100	100	99	91
1550.0	1.735	100	100	96	68
2500.0	-	-	-	-	-
3700.0	-	-	-	-	-

($n_F - n_C$) 0.0460

Abbe v_D 17.2

Temp. Coefficient -0.000702 dn_D/dt (15 - 35 °C)

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