

Free Crystal NT-H Technical Data Sheet

Revised on 2020/3/11

Category	Test Items	Condition・Method		NT-H 1.5 mm	NT-H 1.0 mm	NT-H 0.8 mm	NT-H 0.5 mm	NT-H 0.3 mm	
Optical Properties 光学特性	Haze (%)	Construction: Glass/OCA/Glass	Ambient Condition		0.5>				
			85 °C/85%, 1000 h		0.5>				
			95 °C, 1000 h		0.5>				
			-40 °C, 1000 h		0.5>				
			-40 °C/85 °C, 500cycles		0.5>				
			Xenon Wether Meter 60W/m ² , 1000 h		0.5>				
	Total Light Transmittance (%) 全光線透過率	Construction: Glass/OCA/Glass	Ambient Condition		91<				
			85 °C/85%, 1000 h		91<				
			95 °C, 1000 h		91<				
			-40 °C, 1000 h		91<				
			-40 °C/85 °C, 500cycles		91<				
			Xenon Wether Meter 60W/m ² , 1000 h		91<				
	Lab Color Space Lab色空間	Construction: Glass/OCA/Glass Background (Construction:Glass/Glass) b*: 0.23	Ambient Condition	b*	0.3>				
			85 °C/85%, 1000 h	b*	0.5>				
			95 °C, 1000 h	b*	0.5>				
			-40 °C, 1000 h	b*	0.5>				
			-40 °C/85 °C, 500cycles	b*	0.5>				
			Xenon Wether Meter 60W/m ² , 1000 h	b*	0.5>				
	Refractive Index 屈折率	-		1.48					
Adhesive Properties 粘着特性	180 °Peeling Strength (N/25 mm) 180 °剥離強度	Peeling Speed: 30 mm/min	VS Glass	45	44	39	38	32	
			VS PC	38	32	31	28	25	
			VS Polarizer (TAC)	31	28	26	25	21	
			VS PMMA	36	31	30	28	27	

*Written values are representative, not guaranteed.

*数値は実測値であり、保証値ではありません