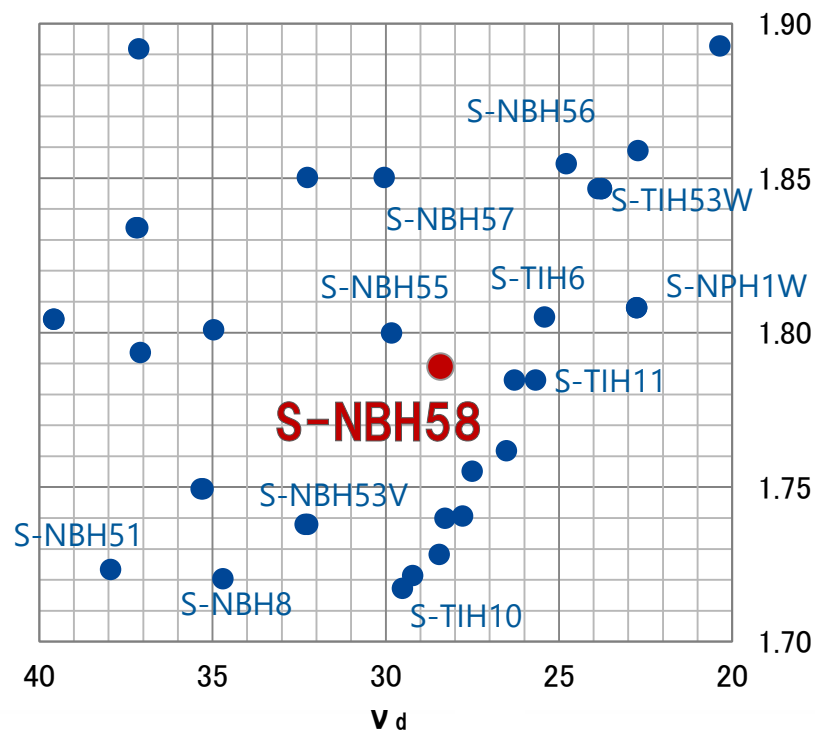


S-NBH58 has low partial dispersion ratio $\theta_{g,F}$ in the S-NBH region

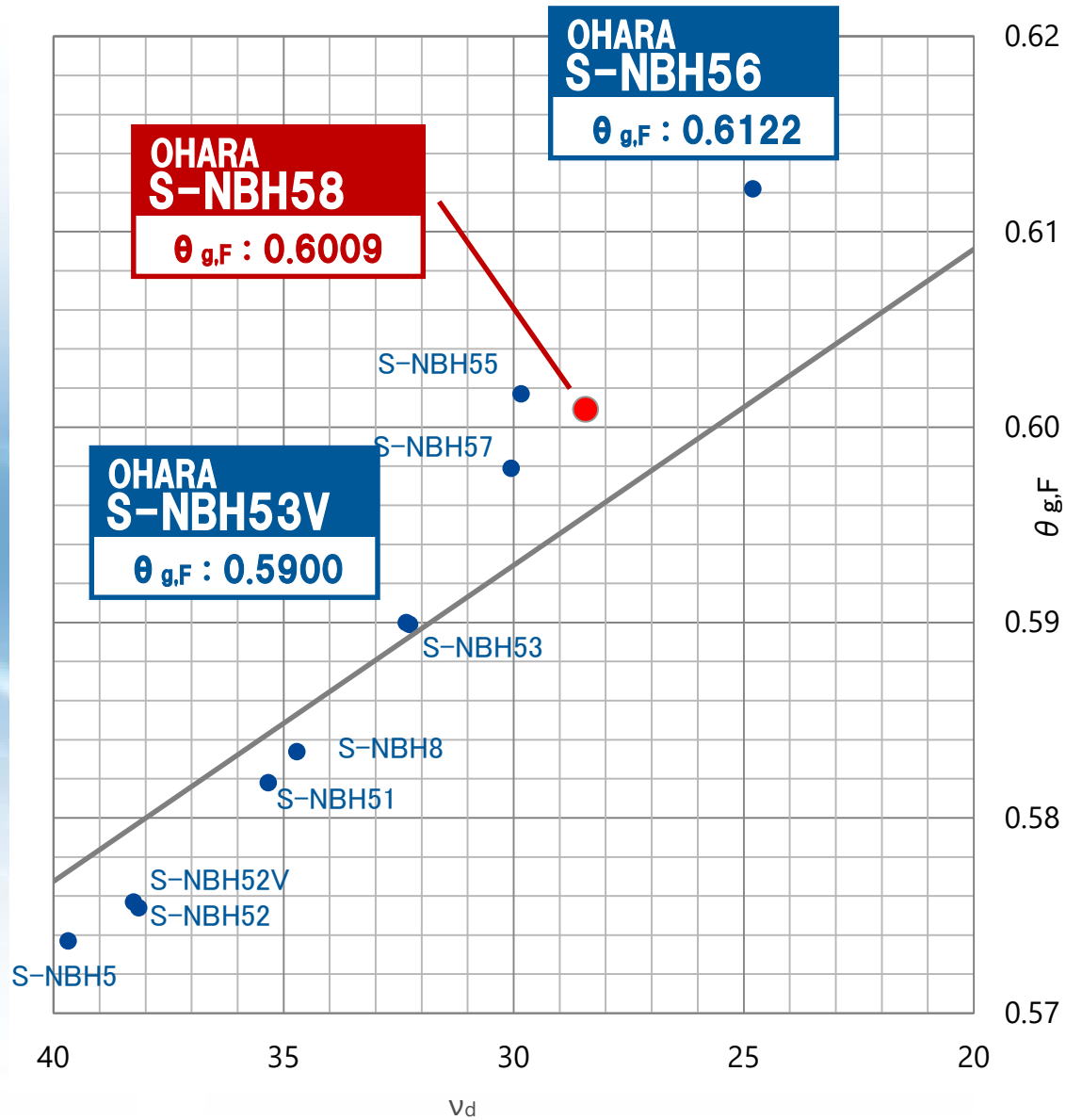
Properties

1. More options among S-NBH glasses
 \Rightarrow The $\theta_{g,F}$ is between S-NBH56 and S-NBH53V
2. High transmittance

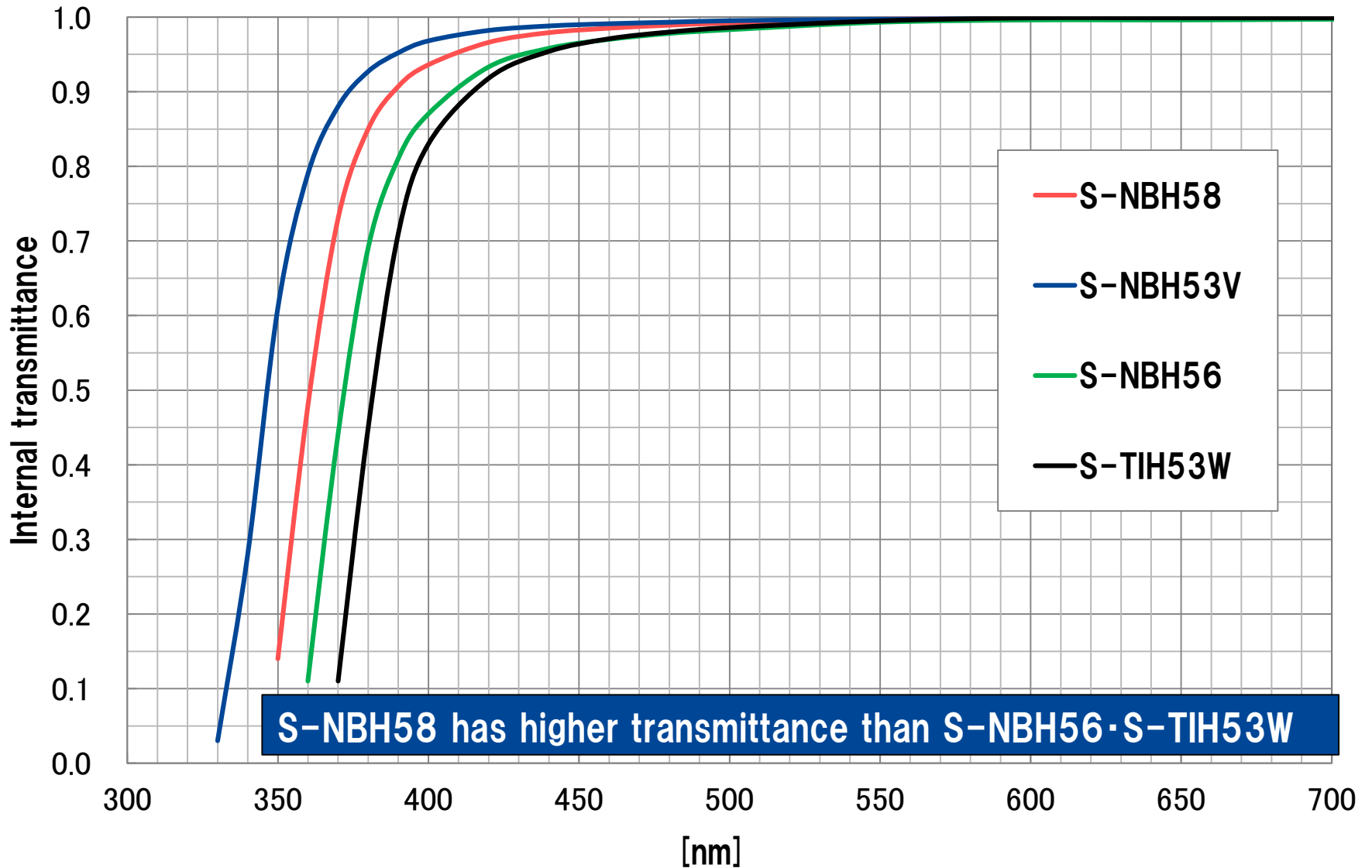


		S-NBH58	S-NBH53V	S-NBH56
n_d		1.78880	1.73800	1.85478
v_d		28.43	32.33	24.80
$\theta_{g,F}$		0.6009	0.5900	0.6122
$\Delta\theta_{g,F}$		0.0054	0.0008	0.0109
CTE α ($10^{-7}/^\circ\text{C}$)	-30~70°C	74	71	77
	+100~300°C	95	93	94
Tg (°C)		560	538	578
At (°C)		600	582	612
Coloring	$\lambda_{80}(\lambda_{70})$	410	385	(395)
	λ_5	345	330	360
Chemical Properties	Water Resistance RW (P)	1	1	1
	Acid Resistance [RA (p)]	1	1	1
	Weathering Resistance [W (s)]	2	2	3
	Acid Resistance [SR]	1.0	1.0	1.0
	Phosphate Resistance [PR]	1.0	1.0	1.0
Specific Gravity		3.33	3.19	3.49
Knoop Hardness Hk [Class]		590[6]	600[6]	560[6]
Abrasion Aa		131	110	127

S-NBH58 has low dispersion Ratio $\theta_{g,F}$



S-NBH58 internal transmittance



S-NBH58 has higher transmittance than S-NBH56-S-TIH53W