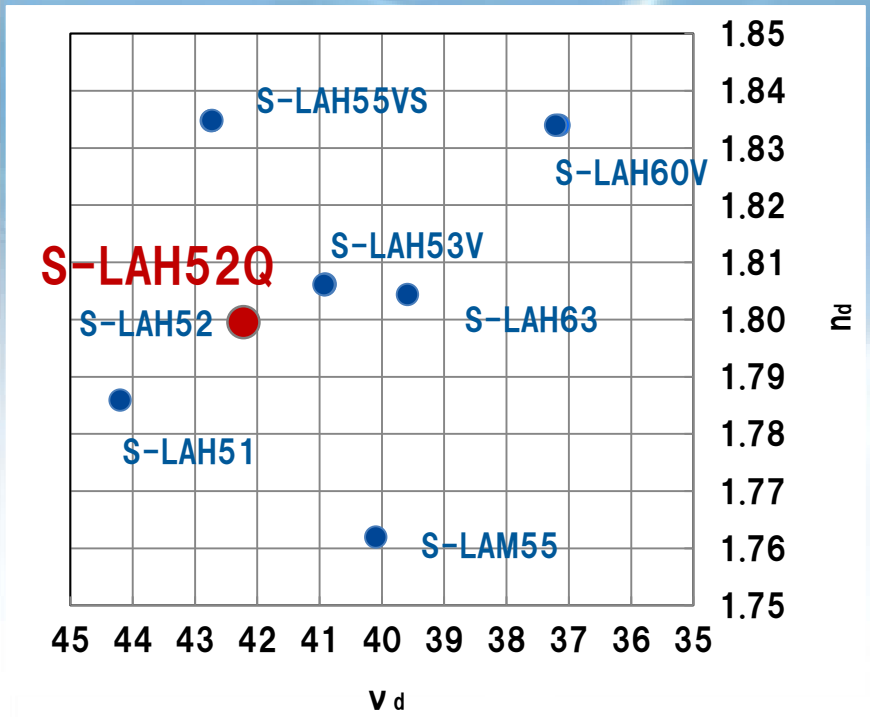
S-LAH52Q has extremely high dn/dT

Properties

1. The highest dn/dT among OHARA glasses
⇒ can modify refractive index fluctuations of glass with negative dn/dT
2. Equivalent to S-LAH52 (nd, ν d)



		S-LAH52Q	S-LAH52
nd		1.79952	1.79952
ν d		42.24	42.22
dn/dT (Dline 40℃～60℃)		10.3	6.7
CTE α (10^{-7}/℃)	-30～70℃	60	60
	+100～300℃	73	73
Tg (℃)		598	618
At (℃)		622	636
Coloring	λ 80 (λ 70)	390	395
	λ 5	335	330
Chemical Properties	Water Resistance RW (p)]	1	1
	Acid Resistance [RA (p)]	3	4 ⇒ 3
	Weathering Resistance [W (s)]	2	1
	Acid Resistance [SR]	52.2	51.2
	Phosphate Resistance [PR]	2.0	2.0
Specific Gravity		4.47	4.41
Knoop Hardness Hk [Class]		620 [6]	640 [6]
Abrasion Aa		54	82

OHARA

S-LAH52Q has extremely large dn/dT