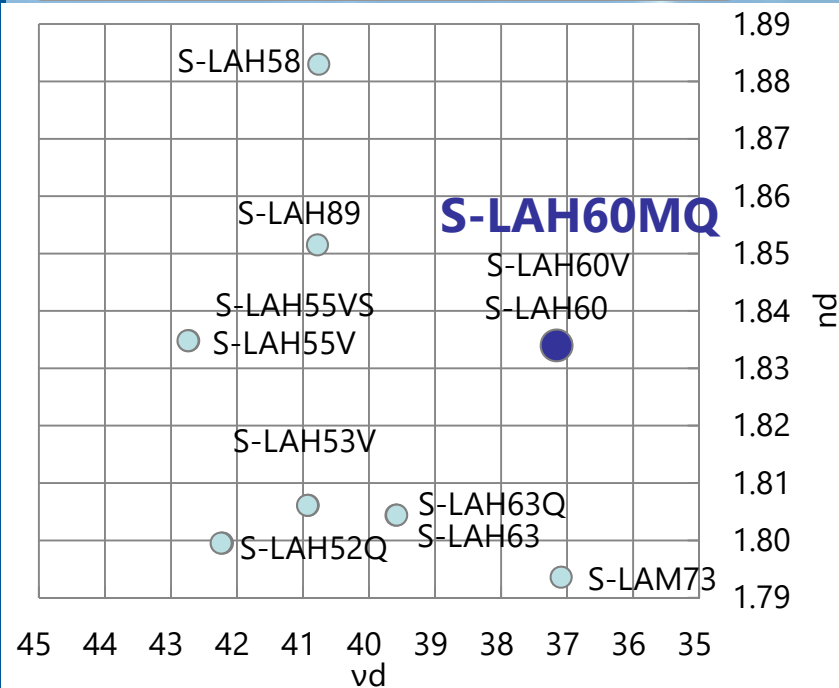


# S-LAH60MQ with the smallest dn/dT at LAH region

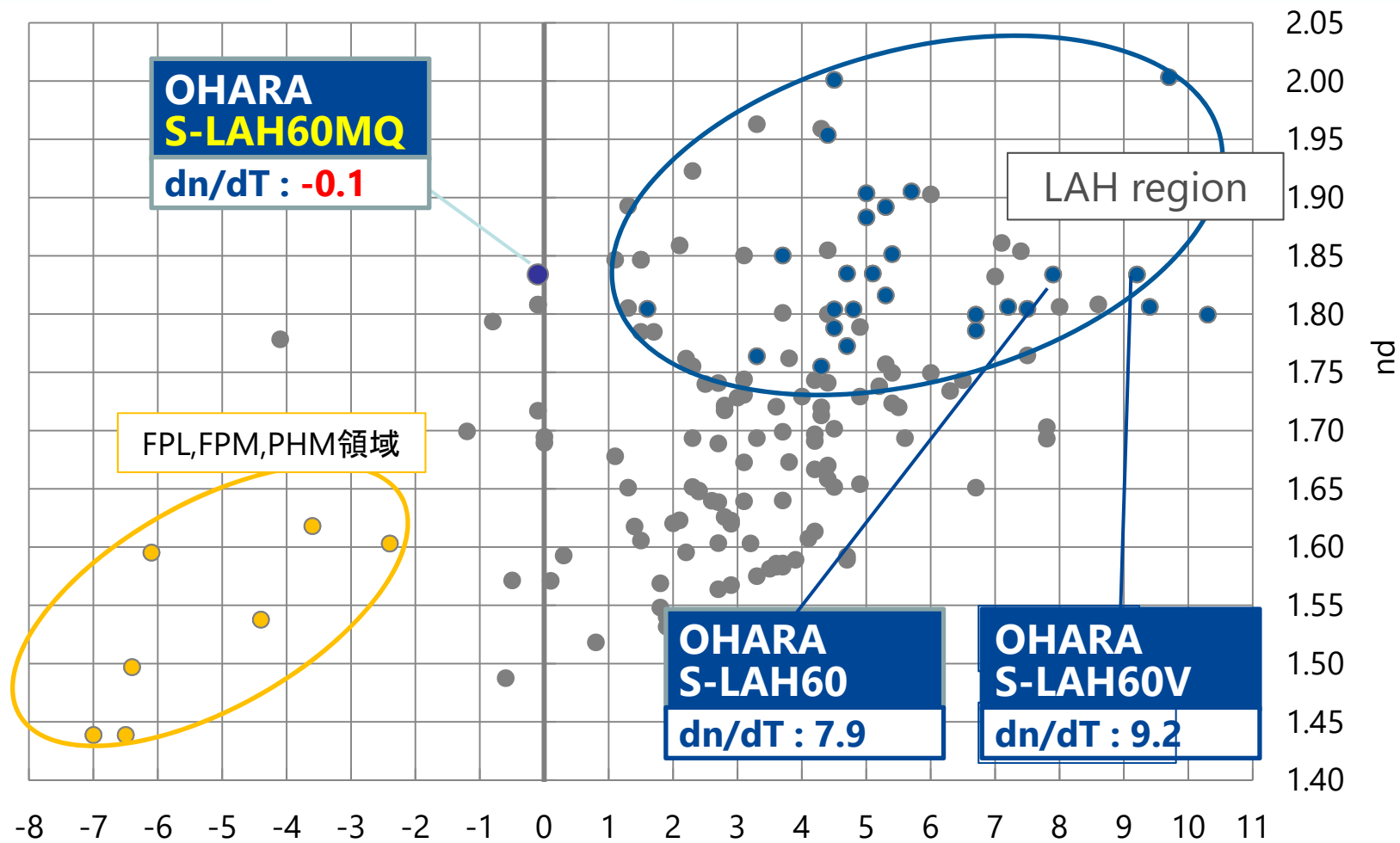
## Properties

1. The smallest  $dn/dT$  in LAH region
2. Higher CTE at LAH region
3. Equivalent to S-LAH60 & S-LAH60V (nd & vd)

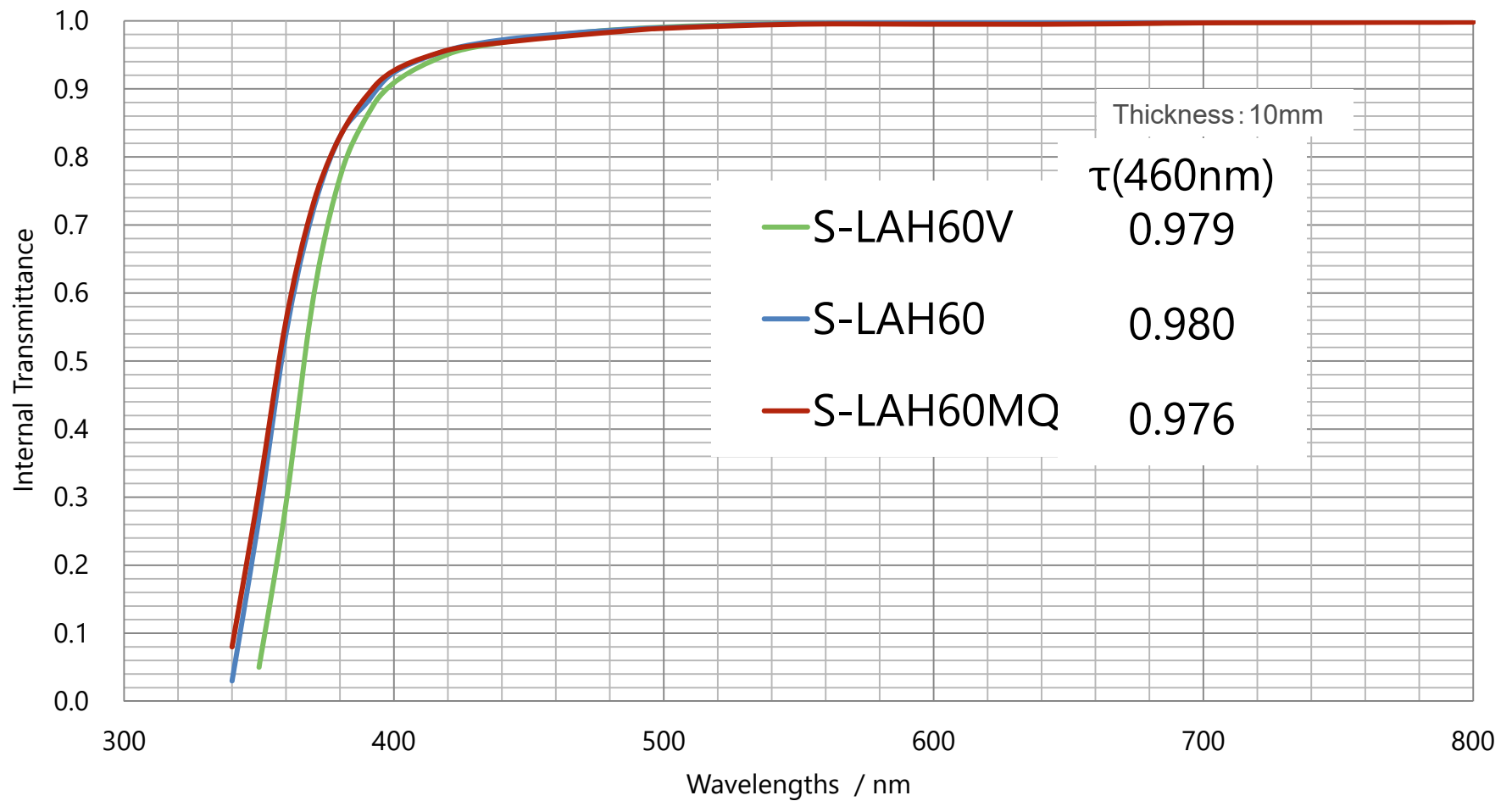


		S-LAH60MQ	S-LAH60	S-LAH60V
nd		1.83400	1.83400	1.83400
vd		37.17	37.16	37.21
$\theta_{g,F}$		0.5786	0.5776	0.5807
$\Delta\theta_{g,F}$		-0.0027	-0.0037	-0.0006
dn/dT(Dline 40~60°C)		<b>-0.1</b>	<b>7.9</b>	<b>9.2</b>
CTE $\alpha(10^{-7}/^{\circ}\text{C})$	-30~70°C	<b>85</b>	<b>56</b>	<b>58</b>
	+100~300°C	<b>98</b>	<b>71</b>	<b>73</b>
Tg(°C)		655	612	603
At(°C)		688	632	635
Coloring	$\lambda_{80}(\lambda_{70})$	425	420	430
	$\lambda_5$	340	340	350
Chemical Properties	RW(P)	1	1	1
	RA(P)	3	3	3
	W(S)	3	1	1
	SR	51.2	4.2	51.2
	PR	1.2	1.0	1.0
	Specific Gravity	<b>4.71</b>	<b>4.43</b>	<b>4.43</b>
Knoop Hardness Hk [Class]		520[5]	670[7]	660[7]
Abration Aa		160	78	57

# S-LAH60MQ with the smallest $dn/dT$ in LAH region



# S-LAH60MQ Internal Transmittance



S-LAH60MQ has the almost same internal transmittance at the shorter wavelengths.