

S-LAH65VS

Code(d) **804465**

Code(e) **808463**

| | | | | | | | | |
|-----|-------|----------------------------|------|---------|--------------|----|-----------|-----------------|
| 屈折率 | n_d | 1.80400 1.804000 | アツベ数 | ν_d | 46.53 | 分散 | n_F-n_C | 0.017281 |
| 屈折率 | n_e | 1.808112 | アツベ数 | ν_e | 46.28 | 分散 | n_F-n_C | 0.017463 |

| 屈折率 | | |
|------------------------|----------|---------|
| $\lambda(\mu\text{m})$ | | |
| n_{2325} | 2.32542 | 1.76127 |
| n_{1970} | 1.97009 | 1.76833 |
| n_{1530} | 1.52958 | 1.77597 |
| n_{1129} | 1.12864 | 1.78303 |
| n_t | 1.01398 | 1.78548 |
| n_s | 0.85211 | 1.78991 |
| $n_{A'}$ | 0.76819 | 1.79302 |
| n_r | 0.70652 | 1.79590 |
| n_C | 0.65627 | 1.79882 |
| $n_{C'}$ | 0.64385 | 1.79964 |
| $n_{\text{He-Ne}}$ | 0.6328 | 1.80040 |
| n_D | 0.58929 | 1.80385 |
| n_d | 0.58756 | 1.80400 |
| n_e | 0.54607 | 1.80811 |
| n_F | 0.48613 | 1.81610 |
| $n_{F'}$ | 0.47999 | 1.81710 |
| $n_{\text{He-Cd}}$ | 0.44157 | 1.82445 |
| n_g | 0.435835 | 1.82573 |
| n_h | 0.404656 | 1.83385 |
| n_i | 0.365015 | 1.84792 |

| 分散式の定数 | |
|--------|----------------|
| A_1 | 1.76068422E+00 |
| A_2 | 4.14128906E-01 |
| A_3 | 1.33415439E+00 |
| B_1 | 8.53607198E-03 |
| B_2 | 3.01826383E-02 |
| B_3 | 9.80942100E+01 |

| 化学的性質 | |
|-----------------|-----|
| 耐水性 (粉末法) RW(P) | 1 |
| 耐酸性 (粉末法) RA(P) | 3 |
| 耐候性 (表面法) W(S) | 2 |
| 耐酸性 SR | 4.0 |
| 耐洗剤性 PR | 1.0 |

| 機械的性質 | |
|---|---------|
| ヤング率 E (10^8N/m^2) | 1223 |
| 剛性率 G (10^8N/m^2) | 471 |
| ポアソン比 σ | 0.300 |
| ヌーブ硬さ Hk [Class] | 730 7 |
| 摩耗度 Aa | 61 |
| 光弾性定数 $\beta \text{ nm}/(\text{cm}\cdot 10^5\text{Pa})$ | 1.27 |

| 屈折率の温度係数 | | | | | | | |
|--------------------------------|--|-----|-------|-----|-----|-----|-----|
| 温度範囲 ($^{\circ}\text{C}$) | $\Delta n/\Delta T \text{ relative } (10^{-6}/^{\circ}\text{C})$ | | | | | | |
| | t | C' | He-Ne | D | e | F' | g |
| -40~-20 | 3.6 | 4.2 | 4.3 | 4.4 | 4.7 | 5.2 | 5.8 |
| -20~0 | 3.5 | 4.2 | 4.2 | 4.4 | 4.7 | 5.3 | 5.9 |
| 0~20 | 3.5 | 4.2 | 4.2 | 4.4 | 4.7 | 5.3 | 5.9 |
| 20~40 | 3.5 | 4.2 | 4.2 | 4.4 | 4.7 | 5.3 | 6.0 |
| 40~60 | 3.5 | 4.3 | 4.3 | 4.5 | 4.8 | 5.5 | 6.1 |
| 60~80 | 3.7 | 4.4 | 4.5 | 4.7 | 5.0 | 5.7 | 6.4 |

| 部分分散 | |
|--------------|----------|
| n_C-n_t | 0.013334 |
| $n_C-n_{A'}$ | 0.005801 |
| n_d-n_C | 0.005184 |
| n_e-n_C | 0.009296 |
| n_g-n_d | 0.021734 |
| n_g-n_F | 0.009637 |
| n_h-n_g | 0.008114 |
| n_i-n_g | 0.022188 |
| n_C-n_t | 0.014154 |
| $n_e-n_{C'}$ | 0.008476 |
| n_F-n_e | 0.008987 |
| n_i-n_F | 0.030823 |

| 部分分散比 | |
|------------------|--------|
| $\theta_{C,t}$ | 0.7716 |
| $\theta_{C,A'}$ | 0.3357 |
| $\theta_{d,C}$ | 0.3000 |
| $\theta_{e,C}$ | 0.5379 |
| $\theta_{g,d}$ | 1.2577 |
| $\theta_{g,F}$ | 0.5577 |
| $\theta_{h,g}$ | 0.4695 |
| $\theta_{i,g}$ | 1.2840 |
| $\theta'_{C,t}$ | 0.8105 |
| $\theta'_{e,C'}$ | 0.4854 |
| $\theta'_{F,e}$ | 0.5146 |
| $\theta'_{i,F'}$ | 1.7650 |

| 異常分散性 | |
|------------------------|---------|
| $\Delta \theta_{C,t}$ | 0.0066 |
| $\Delta \theta_{C,A'}$ | 0.0034 |
| $\Delta \theta_{g,d}$ | -0.0104 |
| $\Delta \theta_{g,F}$ | -0.0085 |
| $\Delta \theta_{i,g}$ | -0.0514 |

| 熱的性質 | |
|---|-------|
| 歪点 StP ($^{\circ}\text{C}$) | 648 |
| 徐冷点 AP ($^{\circ}\text{C}$) | 677 |
| 転移点 Tg ($^{\circ}\text{C}$) | 691 |
| 屈伏点 At ($^{\circ}\text{C}$) | 720 |
| 軟化点 SP ($^{\circ}\text{C}$) | 745 |
| 線膨張係数 (-30~+70 $^{\circ}\text{C}$) | 61 |
| $\alpha (10^{-7}/^{\circ}\text{C})$ (+100~+300 $^{\circ}\text{C}$) | 75 |
| 熱伝導率 $\lambda \text{ W}/(\text{m}\cdot\text{K})$ | 0.856 |

| 着色度 | | | |
|----------------|-----|-------------|-----|
| λ_{80} | 380 | λ_5 | 310 |
| λ_{70} | | | |

| 内部透過 | | | |
|------------------|-----|------------------|-----|
| $\lambda_{0.80}$ | 347 | $\lambda_{0.05}$ | 310 |

| CCI | | |
|------|------|------|
| B | G | R |
| 0.00 | 0.40 | 0.42 |

| 内部透過率 | |
|----------------------|--------------------|
| $\lambda(\text{nm})$ | $\tau 10\text{mm}$ |
| 280 | |
| 290 | |
| 300 | |
| 310 | 0.05 |
| 320 | 0.25 |
| 330 | 0.53 |
| 340 | 0.72 |
| 350 | 0.83 |
| 360 | 0.89 |
| 370 | 0.934 |
| 380 | 0.957 |
| 390 | 0.971 |
| 400 | 0.979 |
| 420 | 0.987 |
| 440 | 0.991 |
| 460 | 0.993 |
| 480 | 0.996 |
| 500 | 0.997 |
| 550 | 0.999 |
| 600 | 0.999 |
| 650 | 0.999 |
| 700 | 0.999 |
| 800 | 0.999 |
| 900 | 0.999 |
| 1000 | 0.999 |
| 1200 | 0.999 |
| 1400 | 0.998 |
| 1600 | 0.996 |
| 1800 | 0.989 |
| 2000 | 0.968 |
| 2200 | 0.916 |
| 2400 | 0.72 |

| その他 | |
|------|------|
| 泡 B | |
| 比重 d | 4.46 |
| 備考 | |

OHARA 17-04