

**OHARA**

Report No. 12095

MEASUREMENT SERVICE CENTER

OHARA INC.

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Refractive Indices of  
PBL6Y

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May 22, 2012  
Measurement Service Center  
OHARA INC.

## 1. Measurement Conditions for Refractive Index

|                           |                                       |
|---------------------------|---------------------------------------|
| * Order No.               | 39-S138535                            |
| * Samples:                | PBL6Y (SCS4117ZA01 C001)              |
| * Measuring equipment:    | TRIOPTICS SpectroMaster HR, UV-VIS-IR |
| * Measurement Wavelength: | 334.148nm, 312.566nm                  |
| * Environment:            | Air                                   |
| * Room temperature:       | 25 deg. C                             |

## 2. Measurement Results

### 2.1 Refractive index of PBL6Y

Table 1. Refractive Index of PBL6Y in Air at 25 deg. C

| Wavelength<br>in Air (nm) | Symbol of<br>Spectral Line | Refractive Index(1013.25 hPa)        |
|---------------------------|----------------------------|--------------------------------------|
|                           |                            | E/PBL6Y -40 130A<br>SCS4117ZA01 C001 |
| 334.148nm                 |                            | 1.56987                              |
| 312.566nm                 |                            | 1.57978                              |

Measuring accuracy:  $\pm 1 \times 10^{-5}$  estimated.

Temperature: 25.1 deg. C

Measurement Service Center, May 22, 2012

Measured by

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Akemi Yamazaki  
(Measurement Engineer)

Approved by

*Hiroshi Shishido*

Hiroshi Shishido  
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