

Typical Results for Refractive Index Determination of Glass

Table 1. Index of Refraction Ranges for Several Types of Glasses

| Glass | Index of Refraction |
|-------------------|---------------------|
| Headlight glass | 1.47-1.49 |
| Television glass | 1.49-1.51 |
| Window glass | 1.51-1.52 |
| Bottles | 1.51-1.52 |
| Ophthalmic lenses | 1.52-1.53 |

Table taken from Saferstein, R., Criminalistics Lab Manual, p. 30 (reference above).

Table 2. Index of Refraction for Specific Glasses

| Glass | Index of Refraction |
|---|---------------------|
| Windshield glass 1 | 1.518 |
| Windshield glass 2 | 1.520 |
| Headlight glass from Toyota Celica | 1.478 |
| Headlight glass from Chevrolet Eurosport | 1.488 |
| Headlight glass from Oldsmobile Cutlass Ciera | 1.488 |
| Headlight glass from Toyota Corolla | 1.478 |
| Bottle glass from Lipton Iced Tea | 1.524 |