|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Abbreviation** | **HOMO** | **LOMO** | **Bandgap** |
| Solvent Red 24 | SR | -4.704 | -3.358 | 1.346 |
| Solvent Black 5 | SB | -5.285 | -0.251 | 5.034 |
| Congo Red | OR | -5.218 | -3.65 | 1.568 |
| Methyl red | MR | -4.629 | -2.677 | 1.952 |
| DIRECT YELLOW 12 | DY | -5.249 | -3.689 | 1.56 |
| Cresol red | CR | -5.511 | -2.04 | 3.471 |
| Coumarin 510 | C5 | -4.695 | -2.436 | 2.259 |
| Coumarin 343 | C3 | -4.981 | -2.702 | 2.279 |
| Bismark Brown R | BB | -4.257 | -2.48 | 1.777 |
| Basic Red 1 | BR | -4.197 | -2.46 | 1.737 |
| Crocein Orange G | CO | -5.107 | -3.376 | 1.731 |
| Direct Blue 71 | DB | -5.04 | -4.83 | 0.21 |
| Pontamine Sky Blue 6BX | PS | -5.259 | -5.033 | 0.226 |