

## Specification Sheet

Product Name: **Poly(3-decylthiophene-2,5-diyl)**  
Specifications & Purity: M.W : 30000-100000  
SKU # **P165923**

| Parameter                                                                  | Limit Values          |
|----------------------------------------------------------------------------|-----------------------|
| Molecular Weight                                                           | 30000-100000          |
| Appearance (P165923)                                                       | Dark Brown Chunk(s)   |
| Proton NMR spectrum                                                        | Conforms to Structure |
| Carbon by Elemental Analysis                                               | 73.3-77.9 (%)         |
| Sulfur by Elemental Analysis                                               | 14.0-14.8 (%)         |
| Fluorescence : $\lambda_{ex}$ 441 nm ; $\lambda_{em}$ 567 nm in chloroform | Conforms              |