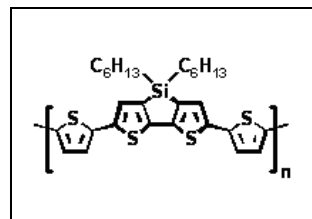


ActivInk™ P1100



Materials Properties

Chemical Structure:	DS6T2
Physical Form:	Purple solid
Purity:	> 99.5%
Melting Point:	300°C (DSC Transition)
Solubility:	Chloroform, dichlorobenzene, THF
Can Publish Results:	Yes



Electronic Properties

Optical Absorption (λ max.):	544 nm
HOMO / LUMO (by CV.):	5.2 / 3.3
Abs. Coefficient:	No Data
Bandgap:	1.9eV

Typical Device Data

Carrier Mobility:

Deposition Method	Mobility	Device Stack
Spin-coat	0.05 – 0.1 cm ² /Vs	TCBG Si / SiO ₂ -HMDS / Au / L = 50μm

Turn-on Voltage: -5 – 5 V

On/Off Ratio: 1.0 X 10⁵⁻⁷

Device Shelf Life: Good

Recommended Contact Type(s): Au, but will work with others.

FET Transfer Characteristic

Spin-Coat

Coming Soon