

## Luminescence Technology Corp.

## Organic Photovoltaic Polymer materials

**Product Specifications** 

Product NO	Specifications structure	CAS NO	Grade	PCE	Reference
LT-S9447	C <sub>e</sub> H <sub>13</sub> C <sub>e</sub> H <sub>13</sub> NC C <sub>e</sub> H <sub>13</sub> NC C <sub>e</sub> H <sub>13</sub> F	2097998-59-7	>98%	13.10%	J. Am. Chem. Soc. 2017, 139, 7148–7151
LT-S9452	S S In S C <sub>7</sub> H <sub>15</sub>	1379592-65-0	M.W. 50,000-100,000	7.62%	Appl. Mater. Interfaces 2016, 8, 30372–30378
LT-S9464	$C_8H_{17}$ $C_{10}H_{21}$ $C_{10}H_{21}$ $C_{10}H_{21}$ $C_{10}H_{21}$ $C_{10}H_{21}$ $C_{10}H_{21}$	1926166-46-2	M.W. 50,000-100,000	8.24%	Adv.Mater. 2016, 28, 5133 - 5138
LT-S9468	S N S N C <sub>0</sub> H <sub>17</sub> C <sub>0</sub> H <sub>17</sub> N S N C <sub>0</sub> H <sub>17</sub> C <sub>0</sub> H <sub>17</sub> N S N S N S N C <sub>0</sub> H <sub>17</sub> C <sub>0</sub> H <sub>17</sub> N S N S N S N S N S N S N S N S N S N	2088628-64-0	>98%	11%	Nature Materials (2017), 16(3), 363-369
LT-S9471	NC CN S S S NC CN C CN S S S C CN C CN	1889344-13-1	>98%	9.60%	J. Am. Chem. Soc. 2016, 138, 4955–4961
LT-S9479		1558023-86-1	>98%	8.24%	Energy Environ. Sci., 2014, 7, 1966 - 1973

If you have other molecular weight or chemical structure requirements, we can evaluate the custom for you.

Materials are used by qualified for testing and research only, there are not guaranteed in patent contention by customer use.

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