

# Neolor™

## High-performance inorganic pigments

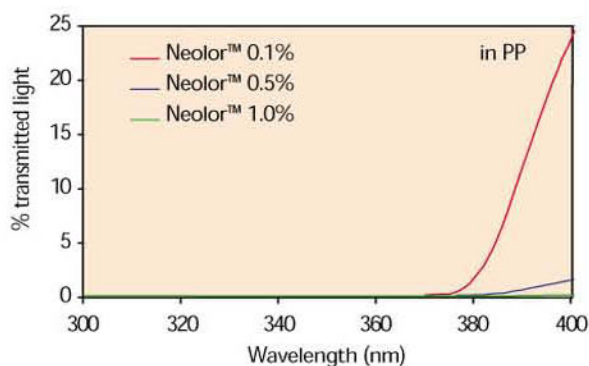
	NEOLOR™ Light Orange S	NEOLOR™ Orange S	NEOLOR™ Red S	NEOLOR™ Burgundy S
CAS #	12014-93-6/ 12031-49-1	12014-93-6	12014-93-6	12014-93-6
Tinting strength	4	3	2.6	2
Weather fastness	PP/HDPE	<1.5	<1.5	<1.5
	ABS	1.3 (300 hrs)	2.0 (300 hrs)	0.9 (300 hrs)
	PC	<1.4 (1500 hrs)	<1.4 (1500 hrs)	<1.4 (1500 hrs)

► **Tinting strength:** Expressed in g of pigment per kg of plastic which is required, together with 1% rutile TiO<sub>2</sub>, to attain the standard color depth of 1/25, according to DIN 53235

► **Weather fastness:** Expressed as delta E after x hours of exposure to Xenon arc accelerated weathering equipment (according to ISO 4892-2) for ABS and PC; delta E after 2 years Florida exposure for PP/HDPE, (tested in masstone at 1% pigmentation level, except for PC at 0.5%)

► **Due to the UV absorbing** characteristics of cerium sulfide, Neolor™ pigments provide improved UV-fastness to most resins.

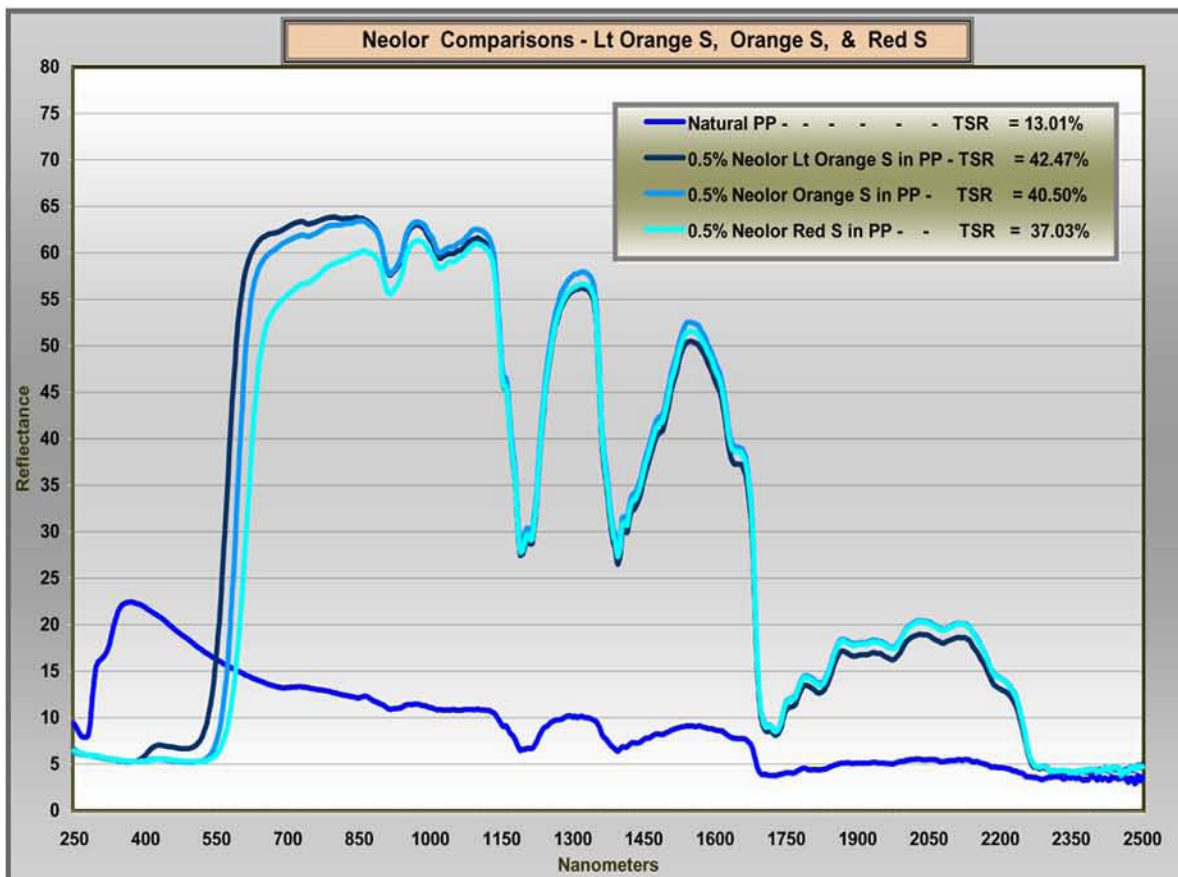
UV transmission curve of cerium sulfide



► **Light fastness:** Expressed on the Blue Wool Scale according to DIN 53388 (1 to 8 scale; 8: very good)

PP	ABS	PC	PA 66
8	8	8	8





## Safety, Health, Environment and registration

Listed EINECS, TSCA, NDSL, AICS

**Food contact:** Meets the requirements of global migration of Council Directives EEC 82/711, EEC 85/572, EEC 90/128 (tested PP)

Meets the applicable requirement of the title 21, Code of Food Regul. (CFR), Part. 177.1520 "Indirect Food Additives: Polymers, Olefin polymers, Polyethylene" (tested LDPE)

**Toy regulation (tested in PP):** In conformity with the European requirement of migration of certain elements (E.N. 71. part 3)

**CONEG regulation:** No detectable amount of heavy metals



**ColorChem**  
 8601 Dunwoody Place, Bldg. 334  
 Atlanta, GA 30350  
 770-993-5500 (US); +31-547-262055 (EC)  
[www.colorchem.com](http://www.colorchem.com)

*Rhodia Electronics & Catalysis - Site de La Rochelle*  
 Z.I. 26, rue Chef de Baie - F 17041 La Rochelle Cedex - France  
 Tel.: +33 (0) 5 46 68 34 56 - Fax: +33 (0) 5 46 68 33 44  
 e-mail: [electronics.catalysis@eu.rhodia.com](mailto:electronics.catalysis@eu.rhodia.com)  
<http://www.rhodia-ec.com>



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