



# OPLAS YELLOW 156

## TECHNICAL DATA SHEET

**CI Name:** Solvent Yellow 116

**CAS No.:** 19125-99-6

**Appearance:** Yellow Powder

**Description:** Oplas Colors are suitable for the coloring of transparent plastics, producing molds of excellent colors. Oplas Yellow 156 is particularly suitable for coloring polycarbonate, polyamide-6, and polyamide-66. Oplas Colors are heat resistant, resisting temperatures of 200° – 250°C or above, and resistant to sunlight, making them ideal for use in formed products that are used outdoors.

Sample Lot Data	
<b>pH</b>	7.4
<b>Loss on Drying</b>	0.35%
<b>Decomposition Point</b>	309°C
<b>Total Chlorine</b>	60 ppm

Heavy Metal Composition (ppm)	
<b>Cd</b>	< 2
<b>Pb</b>	< 5
<b>Hg</b>	< 0.01
<b>Total Cr</b>	< 2

\* For reference only - not a guarantee

Heat Stability	
<b>Polycarbonate</b> <b>300°C/10min./1mmt</b>	$\Delta E=0.72$
<b>Polyamide-66</b> <b>280°C/10min./3mmt</b>	$\Delta E=0.89$

Bleeding Test	
<b>Polycarbonate</b> <b>[120°C/24hrs]</b>	✓
<b>Polyamide-66</b> <b>[85°C/24hrs]</b>	✓

Registrations
United States (TSCA)
Australia (AICS)
Canada (DSL)
China (IECSC)
Japan (ENCS)
Korea (KECI)
New Zealand (NZIoC)
Philippines (PICCS)
Taiwan (TCSI)
EU (REACH)

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