

## Gafast Yellow 4011

<b>Chemical Class</b> : Quinophthalone	<b>Chemical Structure:</b>
<b>C.I. Name</b> : PY 138	
<b>C.I. No.</b> : 56300	
<p>Greenish Yellow pigment with good dispersibility, good heat stability &amp; higher tinting strength. Suitable for wide range of Polymers in plastic application.</p>	



Full shade

### Physical Data:

Physical Form	Powder
Specific Surface Area (BET), (m <sup>2</sup> /g)	28 ± 2
Average Particle Size, (µm)	0.145
Oil Absorption (g/100 g)	35 ± 5
pH of 10% Extract	5.5 – 8.5



Reduction  
(1:16 TiO<sub>2</sub>)

### Fastness Properties:

Acid Resistance - HCl (2%)	5
Alkali Resistance - NaOH (2%)	5
Heat Stability	260 °C
Migration Fastness	5
Light fastness - HDPE FS	7
Light fastness - HDPE RN	7

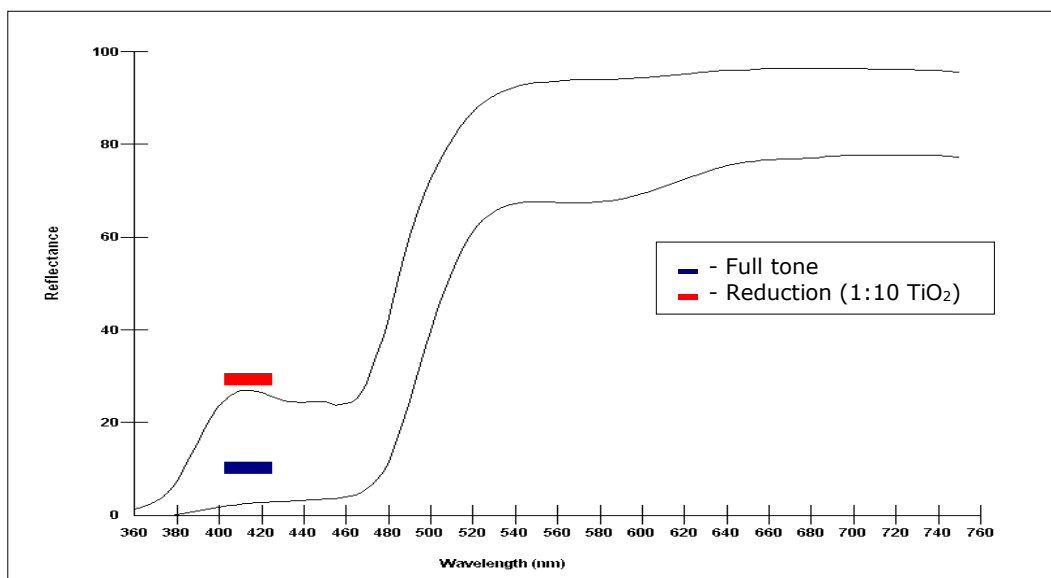
### Application Profile:

Suitable for: (+ = Suitable, - = Limited Suitability, 0 = Not suitable)

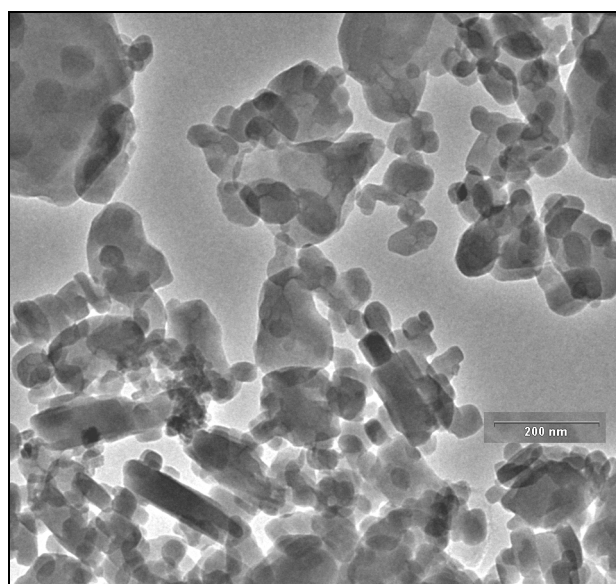
PE	+
PP	+
PVC	+
PS	+
ABS	+
PUR	+

\*FS- Full Shade

\*RN- Reduction



**Reflectance Curve – Flexible PVC**  
Full Shade (0.1%) & Reduction (1:10 TiO<sub>2</sub>)



**Transmission Electron Micrograph (TEM)**

**Note:**

Information given in this technical data sheet is based on current knowledge and our laboratory evaluation; it is presented as our opinion without any guarantee. Buyers must carry out their own tests and experiments to determine the suitability and completeness of our products for their use and application.

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