

## IQC Coat Yellow 83-O

Product Description	
Colour Index	Pigment Yellow 83
C.I.No.	21108
Chemical Type	Disazo
CAS No.	5567-15-7
EC No.	226-939-8
Formula	C <sub>36</sub> H <sub>32</sub> Cl <sub>4</sub> N <sub>6</sub> O <sub>8</sub>
Molecular weight	818.30

Application Profile	
Automotive refinishing	○
Industrial paints	●
Powder coatings	●
Decorative paints	○
● Main use, ○ additional use, ue under evaluation	

Physical Properties	
Color	Reddish Yellow
Product form	powder
Shade [dE]	≤ 1.0
Color strength [%]	100 ± 5
Density [g/cm <sup>3</sup> ]	1.5
Electric conductivity [us.cm]	≤ 500
Oil absorption [ml/100g]	35-45
Moisture [%]	≤ 1.5
Fineness [Residues 80 mesh]	≤ 5.0%
pH	6.5-7.5

Resistance Properties	
Heat [°C]	180
Light	7
Weather	3
Ethanol	5
Acid	5
Alkali	5
Butylacetat	5
Xylene	5

### Molecular structure

