

IQC Plast Yellow 13

Product Description	
Colour Index	Pigment Yellow 13
C.I.No.	21100
Chemical Type	Disazo
CAS No.	5102-83-0
EC No.	225-822-9
Formula	$C_{36}H_{34}Cl_2N_6O_4$
Molecular weight	685.60

Application Profile	
PVC	●
PO	○
PS	
ABS	
● Main use, ○ additional use, ue under evaluation	

Physical Properties	
Color	Yellow
Product form	Powder
Color strength [%]	100 ± 5
Density [g/cm ³]	1.3
Electric conductivity [us.cm]	≤ 500
Moisture [%]	≤ 2.0
Water soluble matter [%]	≤ 1.5
Oil absorption [ml/100g]	35 – 45
Fineness [Residues 80 mesh]	≤ 5.0%
pH	6.5 – 7.5

Resistance Properties	
Heat [°C]	180
Light	5
Acid	5
Alkali	5
Oil	5
Ethanol	5
Butanol	5
Ethylacetate	3-4
Isopropanol	4-5
M.E.K.	3
Toluene	2-3
Ethoxypropanol	4-5

