



# Monoazo Yellow 168

TC Code: TCY16802

## Pigment Yellow 168 (C.I.13960)

EINECS No.: 276-057-2

CAS No. : 71832-85-4

Edition Sep.1, 2009

### Recommended Applications

LL/LDPE	<b>R</b>	HDPE	<b>R</b>	PP	<b>R</b>	PP-fibers	<b>PU</b>	PVC-S	<b>R</b>	PVC-R	<b>R</b>
PS	<b>PU</b>	ABS	<b>PU</b>	Koblend	<b>R</b>	Styrolux	-	POM	-	PMMA	-
PA 6	<b>NR</b>	PC	-	PET	<b>NR</b>	Rubber	<b>R</b>				

Note : **R = Recommended** **PU = Potential Use** **NR= Not Recommended** **- =Not Available**

### Physical & Chemical Properties

Appearance	Yellow powder
Specific gravity (water=1)	1.40~1.60
Specific surface (m <sup>2</sup> /g)	20~50
Bulk volume (l/kg)	3.5~4.0
Average particle size (nm)	150~250
Oil absorption (g/100g)	40~70

### Solvent Resistance Data (1~5 Scale)

Ethanol	3
Ethyl acetate	3
MEK	3
Toluene	3
White spirit	3
DBP	3~4
Paraffine	3~4
Alkali	5
Acid	4

### Fastness Properties in PE

% Pigment	0.05% Pig.	0.2% Pig.	1/10 parts. Pig./TiO <sub>2</sub>
Light Fastness DIN 53887-54004	7	7	7
Migration DIN 53775	5	5	5

### Heat Resistance

% Pigment	0.025%	0.05%	0.1%
DIN 53772	240°C	250°C	250°C

### Food, Toy and Packaging Compliance

	Listed	Purity Compliant
Germany: BFR		<b>x</b>
French Positive List		
Italy		<b>x</b>
USA: FDA		
European Toy Norm 71-3		<b>x</b>
AP(89)1		<b>x</b>
94/62/EC (CONEG)		<b>x</b>
RoHS		<b>x</b>

Note: **x =compliant**

### CONTACT

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### NOTE

The above information is provided as guidelines only. It is important that the customer evaluate any product in their own resin system to determine suitability.