



## TECHNICAL DATA SHEET

### GENERAL INFORMATION

|                         |   |                                     |
|-------------------------|---|-------------------------------------|
| Product Name            | : | Monoazo Yellow 168                  |
| Product code            | : | TCY16802                            |
| Color Index Name        | : | C.I. Pigment Yellow 168 (C.I.13960) |
| CAS No.                 | : | 71832-85-4                          |
| Molecular Formula:      | : | $C_{16}H_{12}ClN_4O_7S \cdot 1/2Ca$ |
| Chemical Class          | : | MONOAZO YELLOW, Ca                  |
| Recommended Application | : | Plastic, etc.                       |

### PHYSICAL 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         |

### FASTNESS DATA(1~5 Scale except Light Fastness where 1~8 Scale)

|                         |   |       |
|-------------------------|---|-------|
| Light (Full shade)      | : | 5~6   |
| Light (Reduced tinting) | : | 5     |
| Ethanol                 | : | 3     |
| Ethyl acetate           | : | 3     |
| MEK                     | : | 3     |
| Toluene                 | : | 3     |
| White spirit            | : | 3     |
| DBP                     | : | 3~4   |
| Paraffine               | : | 3~4   |
| Butter                  | : | 3~4   |
| Soap                    | : | 5     |
| Alkali                  | : | 5     |
| Acid                    | : | 4     |
| Heat stability (10min)  | : | 180°C |

### 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.