



**REACH Status : Pre Registered**

Date : 01.01.2018

Revision: 04

**Product Description**

|                   |                          |                  |                         |
|-------------------|--------------------------|------------------|-------------------------|
| CI Generic Name   | <b>Pigment Yellow 83</b> | PIL Product Code | <b>PRPL 1015 T</b>      |
| CI No.            | <b>21108</b>             | CAS No.          | <b>5567 – 15 - 7</b>    |
| EINECS No.        | <b>226 – 939 - 8</b>     | Chemical Type    | <b>Diarylide Yellow</b> |
| Molecular Formula | <b>C36H32Cl4N6O8</b>     | Molecular Weight | <b>818</b>              |

Chemical Name: Butanamide,2,2'-[(3,3'-dichloro{1,1'-biphenyl}-4,4'diyl)bis(azo)]bis[N-(4-chloro-2,5-dimethoxyphenyl)]-3-oxo

**Physical Properties**

|                           |             |
|---------------------------|-------------|
| Sieve Residue (PPM) Max.  | 1000        |
| Oil Absorption(gms)       | 75 - 85     |
| Bulk Density(gm/ml)       | 0.25 – 0.40 |
| Salt Content (%) Max.     | 1           |
| Moisture Content (%) Max. | 1           |
| PH Value                  | 4.4 – 6.9   |

**Mass Tone : 0.2 %**

**Tint Tone : 1:10 Ratio**



**Fastness properties**

|           |              |       |
|-----------|--------------|-------|
| Heat °C   | PP-Mass Tone | 200°C |
| Heat °C   | PP-Tint Tone | 200°C |
| Light     | Mass Tone    | 7     |
| Light     | Tint Tone    | 6-7   |
| Weather   | Mass Tone    | –     |
| Weather   | Tint Tone    | –     |
| Migration |              | 5     |

**Specification**

|                               |  |
|-------------------------------|--|
| Coloristic properties         | Strength : ± 5 %                                 |
| Coloristic properties         | DA,DB,DE,DC,DH,DL: ± 1                           |
| Light fastness : Scale 1- 8   | 1-Poor & 8 – Excellent                           |
| Weather fastness : Scale 1- 5 | 1-Poor & 5 – Excellent                           |
| Migration : Scale 1- 5        | 1-Poor & 5 – Excellent                           |
| Heat Stability °C             | DE≤ 3 at Maximum Temp with dwell time 5 minutes. |

**Application**

Plasticized & rigid PVC , cable sheathing compounds, PO, PUR, PAN spin dyeing , RUBBER

The colors above have been generated electronically and should therefore not be used for comparison purposes. The colors are meant to give a first impression of the colorant shade

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