



SAVYA INTERNATIONAL

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TECHNICAL DATA SHEET

| Product Description | | | |
|---------------------|--------------------------|--------------------|-------------------------|
| CI Generic Name | Pigment Yellow 13 | SAVYA Product Code | SIPL10013 |
| CI No. | 21100 | EINECS No. | 225-822-9 |
| CAS No. | 5102-83-0 | Chemical Type | Diarylide Yellow |

| Physical Properties | |
|---------------------------|--|
| Sieve Residue (PPM) Max. | 1000 |
| Oil Absorption(gms) | 60-75 |
| Bulk Density(gm/ml) | 20-30 |
| Salt Content (%) Max. | 1 |
| Moisture Content (%) Max. | 1 |
| PH value | 5.2 – 7.5 |
| Form | Powder |
| Color | Yellow |
| Odor | odorless |
| Melting point/ range: | 338 – 344°C |
| Flash point | Not applicable |
| Flammibility | Non-flammable |
| Ignition temperature: | Not applicable |
| Danger of explosion | Not explosive. Dust can form an explosive mixture with air |
| Solubility in water | Insoluble |
| Vapour Pressure | Not applicable |

| Fastness properties | | |
|------------------------|--------------|--------------|
| Heat (Per 5 Min) in PP | Mass : 200°C | Tint : 200°C |
| Light fastness | Mass : 7-8 | Tint : 6-7 |
| Weather Fastness | Mass : | Tint : |
| Migration | 4-5 | |

| Application |
|---|
| Plasticized & rigid PVC, Cable sheathing compounds.LDPE,LLDPE, RUBBER,PUR / PP , HDPE |

| Specification | |
|--|--|
| Coloristic properties Strength : $\pm 5\%$ And DA , DB , DE , DC , DH ,DL : $\leq \pm 1.00$ | |
| 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 | |