# VYNAMON™ Yellow 119101 (PY 191)



| Full Shade | Reduction 1:10 $TiO_2$ |
|---|---|

| Product Description | |
|---|---|
| Chemical characterization | Monoazopyrazolon, Ca |
| Color Index | Pigment Yellow 191 |
| Appearance | Yellow powder |
| C.I. No. | 18795 |
| CAS No. | 129423-54-7 |

| Product Description | Unit | Value | Test Method |
|---|---|---|---|
| Hue angle [1/3 SD] | | 78.6 | acc. to DIN EN ISO/CIE 11664-4 |

| Technical Data | Unit | Value | Test Method |
|---|---|---|---|
| Density | [g/cm³] | typ. 1.7 | acc. to ISO 787-10 |
| Bulk volume | [l/kg] | typ. 4.5 | acc. to ISO 697 |
| Specific surface | [m²/g] | typ. 19.0 | acc. to DIN ISO 66132 |

| Fastness Properties<br>Resistance to Chemicals | Value | Test Method |
|---|---|---|
| Acid | 3 | rating acc. to DIN EN ISO 105-A03 |
| Alkali | 3 - 4 | rating acc. to DIN EN ISO 105-A03 |

Acid/alkali resistance: Pigment was dipped into hydrochloric acid (10%) or soda solution (10%). Rating with gray scale: 1=poor, 5=excellent.

| | Value | Test Method |
|---|---|---|
| Migration | 5 | acc. to DIN EN 14469-4/DIN EN ISO 105-A03 |
| Warping | low | |
| Heat resistance [1/3 SD][°C] | 320 | acc. to DIN EN 12877-2 |
| Light fastness [1:10] | 6 | acc. to DIN EN ISO 4892-2/DIN EN ISO 105-B02 |

Migration: Tested in platicized PVC system. Rating with gray scale: 1=poor, 5=excellent.
Warping: The pigment influence on the warping and shrinkage was tested for injection molded HDPE-parts.
Heat resistance: Tested in HDPE system.
Light fastness: Tested in LDPE system. Rating with 8-step wool scale: 1=poor, 8=excellent.

**Tds-vy_y119101-01_03**

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| Application Profile | |
|---|---|
| PVC | +++ |
| Polyolefins | +++ |
| PS | +++ |
| ABS | +++ |
| PA | |
| PC | +++ |
| Powder coatings | +++ |

+++ Excellent choice ++ Good choice + Possible choice

| Packaging and Handling | |
|---|---|
| Packaging | 15 kg cardboard boxes |
| Packaging | Different types of packaging are available on request. |

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