

Magicol Yellow H3R

Benzimidazolone

C.I. Pigment Yellow 181

Colour Index No. 11777



Technical Application Data

| | HDPE | PVC |
|--|------|-----|
| Heat Stability(C°) | 300 | — |
| Light Fastness SD $\frac{1}{3}$ Full Shade | 8 | 8 |
| Light Fastness SD $\frac{1}{3}$ Reduction | 8 | 8 |
| Weather Fastness SD $\frac{1}{3}$ Full Shade | 5 | 5 |
| Weather Fastness SD $\frac{1}{3}$ Reduction | 5 | 5 |
| Fastness to bleed | 5 | 5 |

Physical Characteristics

| | |
|--------------------------------------|------------|
| CAS No: | 74441-05-7 |
| Density(g/cm ³) | 1.48 |
| Alkali resistance | 5 |
| Acid resistance | 5 |
| Specific surface(m ² /g) | 28 |

Range of Applications

| | | | | | | Spin Dyeing | |
|------|---|--------|---|-----|---|-------------|---|
| LDPE | ● | PP | ● | PC | — | PP | ● |
| HDPE | ● | Rubber | ● | PBT | ● | PET | — |
| PUR | ● | PS/SAN | ● | PA | — | PA | — |
| PVC | ● | ABS | ● | POM | ● | PAN | ● |

Commentary

A strong reddish yellow pigment with excellent weather fastness and heat resistance, suitable for most polymers.

Note : Data Presented above is based on our present knowledge and is with intentions of providing general guidelines for use of our products. These products are offered by TINTEC without any kind of guarantee. We recommend that customers should test the suitability of these products in their end application before use.