VYNAMON® Yellow 118002
PY 180

heubach

Technical Data Sheet for Plastics **Revision No.: 4** **Revision Date: 02 / 2018**

PRODUCT DESCRIPTION		
Color Index		Pigment Yellow 180
C.I. No.		21290
Chemical Type		Benzimidazolone
CAS No.		77804-81-0
Hue Angle [1/3 SD]	89.0	DIN 5033

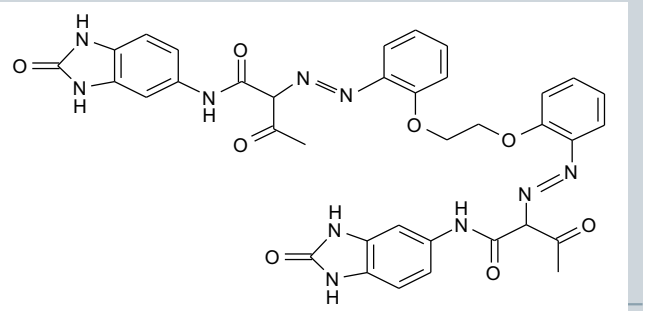
FULL TONE	REDUCTION

PHYSICAL DATA		
Appearance	Yellow Powder	
Density [g/cm³]	1.5	DIN EN ISO 787-10
Bulk Volume [ltr/kg]	6.8	DIN EN ISO 787-11
Specific Surface [m²/g]	45.8	DIN 66132

FASTNESS PROPERTIES		
Acid	5	DIN EN ISO 20105-A02
Alkali	5	DIN EN ISO 20105-A02
Migration	5	DIN EN ISO 14469-4
Light Fastness [1/3 SD]	7-8	DIN EN ISO 105-B01
Heat Resistance [°C] [1/3 SD]	300	DIN EN ISO 12877-2
Warping in HDPE	Low	DIN EN ISO 294-4

REGULATIONS	
Germany BfR recom. IX	Compliant
APME AP 89/1	Compliant
USA (FDA) 21 CFR § 178.3297	Listed
Toys Europe EN 71-3	Compliant
Toys USA ASTM F 94/62	Compliant
CONEG, EC 94/62	Compliant
ROHS, 2002/95/E, 2005/618/EC	Compliant
End of Life Vehicles, 2000/53/EC, 2002/525/EC	Compliant

STRUCTURAL FORMULA



APPLICATION PROFILE	
PE	Recommended
PP	Recommended
PP Fibre	Recommended
PVC-u	Recommended
PVC-p	Recommended
PS	Recommended
ABS	Recommended
PA	-
PC	Recommended
Rubber	Recommended

STANDARD PACKAGING

- 15kg Cardboard Boxes, 15kg HDPE Bags
- Different types of packaging are available on request

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