VYNAMON® Yellow 118102 **PY 181**



Technical Data Sheet for Plastics

Revision No.: 1 Revision Date: 06 / 2013

PRODUCT DESCRIPTION	1	
Color Index		Pigment Yellow 181
C.I. No.		11777
Chemical Type		Benzimidazolone
CAS No.		74441-05-7
Hue Angle [1/3 SD]	66.0	DIN EN ISO 53235

FULL TONE	REDUCTION	

PHYSICAL DATA			
Appearance	Yellow P	Yellow Powder	
Density [g/cm³]	1.5	DIN EN ISO 787-10	
Bulk Volume [ltr/kg]	6.1	DIN 53194	
Specific Surface [m²/g]	32	DIN EN ISO 66132	

STRUCTURAL FORMULA

FASTNESS PROPERTIES		
Acid	5	DIN EN ISO 787-14
Alkali	5	DIN EN ISO 787-14
Migration	5	DIN EN ISO 14469-4
Light Fastness	7-8	DIN EN ISO 105-B01
Heat Resistance [°C]	280	DIN EN ISO 12877-2
Warping in HDPE	Low	DIN EN ISO 294-4

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

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

STANDARD PACKAGING - 20kg Cardboard Boxes

- Different types of packaging are available on request

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