VYNAMON® Yellow 106203 (PY 62)



Technical Data Sheet for Plastic

Warping in HDPE

PC

Powder Coatings

Rev. Date: 05 / 2014

Rev. No.: 09

PRODUCT DESCRIPTION	N	
Color Index		Pigment Yellow 62
C.I. No.		13940
Chemical Type		Monoazo Yellow, Ca
CAS No.		12286-66-7
Hue Angle [1/3 SD]	88.6	DIN 5033



PHYSICAL DATA		
Appearance	yellow po	owder
Density [g/cm³]	1.6	DIN EN ISO 787-10
Bulk Volume [l/kg]	3.2	DIN EN ISO 787-11
Specific Surface [m²/g]	21	DIN 66132

FASTNESS PROPERTIES		
Acid	4 - 5	DIN EN ISO 20105-A02
Alkali	4	DIN EN ISO 20105-A02
Migration	3	DIN EN 14469-4
Light Fastness [1/3 SD]	8	DIN EN ISO 105-B01
Heat Resistance [°C] [1/3 SD]	240	DIN EN 12877-2

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APPLICATION PROFILE	
PVC	recommended
Polyolefins	recommended
PS	potential use
ABS	potential use
РΑ	_

low

DIN EN ISO 294-4

STRUCTURAL FORMULA
$\begin{array}{c} \text{SO}_{3}^{-} & \overset{\leftrightarrow}{\text{Ca}}_{0,5} \\ \text{NO}_{2} & & \\ \text{NN} & & \text{H} & \text{CH}_{3} \\ \text{CH}_{3} & & & \text{H} \\ \text{O} & & & \text{H} \end{array}$

REGULATIONS	
Germany BfR recom. IX	compliant
AP 89/1	compliant
USA (FDA) 21 CFR § 178.3297	not listed
Toys Europe EN 71-3:2013	upon request
Toys USA ASTM F 963-03	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	
25kg Paper Bags	
Different types of packaging are available on request	

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