

SiLiglit Polyester Glitter Grade II

Product Data Sheet

Version: V12/2016

First created on: 2011-07-12
Next inspection on: 2017-06-30Updated on: 2016-07-20
Printed on: 2016-07-20

Manufacturer / Supplier:

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Company Sigmund Lindner GmbH has established a Quality Management System according DIN EN ISO 9001 since 1997.

Responsible:

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Trade name:

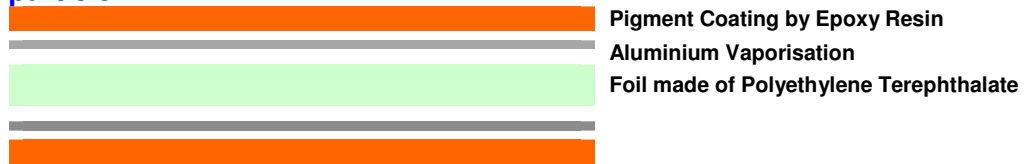
Polyester Glitter Grade II

Application of product: Effect material for decoration and other products

Construction of the Article number:

Material	Size		Colour	Form
27	01	—	51A-11	hex

Construction of Glitter particle:



Chemical composition:

Name	Weight	CAS-No.	EG-No. (EINECS)	CI-No.	FDA/CFR
Epoxy Resin *) high polymeric structure	5,3 %	---	---	none	
Solvent	1,4 %				
Solvent Yellow 21	depends on Article between 0-1,4 %	5601-29-6	227-022-5	none	---
Solvent Red 122		12227-55-3	none	none	---
Solvent Red 127		61969-48-0	none	none	---
Solvent Blue 70		12237-24-0	none	74400	---
Solvent Black 27		12237-22-8	none	none	---
Aluminium	0,4 %	7429-90-5	231-072-3	77000	
Polyethylene Terephthalate	92,9 %	25038-59-9	none	---	FDA Ref# 21 CFR 177.1630

*) which are hardened after the production process, middle molecular weight > 700

Available Sizes:

Size particle		Gauge / thickness 0,050mm / 0.0020"	Form
2,50 mm	0.100"	Art. 275025	stars
3,00 mm	0.125"	Art. 275030	stars
3,00 mm	0.125"	Art. 274030	hearts
3,00 mm	0.125"	Art. 277030	crests

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Available Sizes:

Size particle		Gauge / thickness 0,050mm / 0.0020"	Form ● hex
0,10 mm	0.004" hex	Art. 27201	X
0,20 mm	0.008" hex	Art. 2710	X
0,30 mm	0.012" hex	Art. 27015	X
0,40 mm	0.015" hex	Art. 2701	X
0,60 mm	0.025" hex	Art. 2702	X
0,80 mm	0.032" hex	Art. 2703	X
1,00 mm	0.040" hex	Art. 2704	X
1,30 mm	0.052" hex	Art. 2706	X
1,60 mm	0.062" hex	Art. 2708	X
2,00 mm	0.080" hex	Art. 27085	X
2,50 mm	0.094" hex	Art. 2709	X
3,00 mm	0.125" hex	Art. 27095	X

Tolerance size particle/gauge: +/- 10 %

Colours / Solvents:

Colours	Colourants	
03A-11 Hologram magenta	Solvent Red 122	Solvent Red 127
37A-11 Hologram lilac	Solvent Red 127	Solvent Blue 70
47A-11 Hologram lavender	Solvent Red 127	Solvent Blue 70
50A-11 Hologram silver *)	---	
51A-11 Hologram gold	Solvent Yellow 21	Solvent Red 122
52A-11 Hologram red	Solvent Red 122	Solvent Red 127
54A-11 Hologram blue	Solvent Red 127	Solvent Blue 70
55A-11 Hologram aqua	Solvent Yellow 21	Solvent Blue 70
56A-11 Hologram purple	Solvent Red 127	Solvent Blue 70
57A-11 Hologram fuchsia	Solvent Red 122	Solvent Red 127
58A-11 Hologram black	Solvent Yellow 21	Solvent Black 27
59A-11 Hologram copper	Solvent Yellow 21	Solvent Red 127 Solvent Red 122
61A-11 Hologram light green	Solvent Yellow 21	Solvent Blue 70
62A-11 Hologram light blue	Solvent Red 127	Solvent Blue 70
96A-11 Hologram sky blue	Solvent Red 127	Solvent Blue 70
108A-11 Hologram navy blue	Solvent Red 127	Solvent Blue 70

*) without any Solvents (Polyethelene Terephthalaet 94,3 %, Aluminium 0,4 %, Epoxy 5,3 %)

Technical data:

Specific weight: 1,38 kg/dm³
Bulk density: between 0,25 and 0,60 kg/dm³ - depending on particle size

Resistance:

Medium	Condition	Result
Temperature (up to 230 °C)	1 min.	resistant
Temperature (up to 175 °C)	5 min.	resistant
MEK (Methyl Ethyl Ketone; 99%)	15 min	Not resistant
Isopropanol (25%)	15 min.	partially resistant
Isopropanol (70%)	15 min.	partially resistant
Demineralized H ₂ O	24 hours	resistant
Demineralized H ₂ O	3 months	partially resistant

Storage indication: Store in a dry manner in closed (original) container by room temperature.

Disposal information: There is no type of waste that occurs due to the product that requires special supervision according to (EU) No. 1357/2014 guideline.

Further information: Sample card Polyester Glitter Grade II
Safety Data Sheet SiLiglit Grade II Holo-11

*Product trials and stability tests are always recommended and are the responsibility of the customer prior to production.
All data are reference values – subject to change without prior notice.*