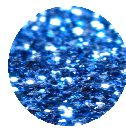


Product Data Sheet



The German spirit of quality since 1854



SiLiglit Polyester Glitter Grade I

First created on: 2011-04-07 Updated on: 2021-08-18
 Next inspection on: 2021-12-31 Printed on: 2021-08-18 Version: V27/2021

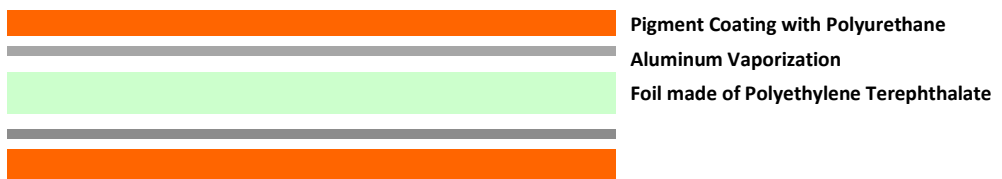
Trade name: Polyester Glitter Grade I

Application of product: Effect material for aerosol, paint and coatings, decoration, and other products

Construction of the Article number:

Material	Size		Colour	Form
25	20	—	51-3	sq

Construction of Glitter particle:



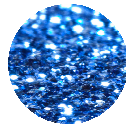
Chemical composition:

EU INCI Name	Weight	CAS-No.	EINECS
Polyurethane Coating	2.5 - 3.2 %	68258-82-2	none
Pigments / colorants			
CI 73915	depending on Article; between 0 - 1.3 %	980-26-7	213-561-3
CI 21108		5567-15-7	226-939-8
CI 74160		147-14-8	205-685-1
CI 74260		1328-53-6	215-524-7
CI 73312		14295-43-3	238-222-7
CI 77891		13463-67-7	236-675-5
CI 77266 (nano)		1333-86-4	215-609-9
CI 51319		6358-30-1	228-767-9
CI 77000	0.1 %	7429-90-5	231-072-3
Polyethylene Terephthalate	95.4 - 97.4 %	25038-59-9	none

Available sizes:

Size particle		Gauge / thickness			Form		
		0.013mm 0.0005"	0.025mm 0.0010"	0.075mm 0.0030"	■ sq	● hex	■ rec
0.075 x 0.05 mm	0.003 x 0.002"	Art 2529					X
0.10 x 0.05 mm	0.004 x 0.002"	Art 2525	Art. 25251				X
0.20 x 0.10 mm	0.008 x 0.004"	Art 2515	Art. 25151				X
0.90 x 0.10 mm	0.035 x 0.004"		Art. 2516				X
1.60 x 0.30 mm	0.062 x 0.0125"		Art. 2517				X
3.10 x 0.20 mm	0.125 x 0.008"		Art. 2514				X
3.10 x 0.30 mm	0.125 x 0.0125"		Art. 2518				X
0.10 mm	0.004" hex/sq	Art. 2520	Art. 25201		X	X	
0.15 mm	0.006" hex/sq		Art. 2519		X	X	
0.20 mm	0.008" hex		Art. 2510			X	
0.40 mm	0.015" hex		Art. 2501			X	
0.50 mm	0.020" hex		Art. 25025			X	
0.60 mm	0.025" hex		Art. 2502			X	
0.80 mm	0.032" hex		Art. 2503			X	
1.00 mm	0.040" hex		Art. 2504			X	
1.60 mm	0.062" hex		Art. 2508			X	

Product Data Sheet



The German spirit of quality since 1854



SiLigit Polyester Glitter Grade I

First created on: 2011-04-07
Next inspection on: 2021-12-31

Updated on: 2021-08-18
Printed on: 2021-08-18

Version: V27/2021

Size particle		Gauge / thickness			Form		
		0.013mm 0.0005"	0.025mm 0.0010"	0.075mm 0.0030"	■ sq	● hex	■ rec
2.50 mm	0.094" hex		Art. 2509		X		
3.00 mm	0.125" hex		Art. 25095		X		
2.00 mm	0.080"		Art 259020			diamonds	
3.00 mm	0.125"			Art 254030		hearts	
3.00 mm	0.125"			Art 255030		stars	
3.00 mm	0.125"			Art 256030		dots	
4.00 mm	0.156"			Art 258040		daisies	

Colours / Pigments:

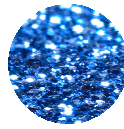
Colour	CI-Number
02-3 sand	73915 21108
04-3 bronze	73915 21108 74260
06-3 old rose	73915
11-3 transparent	without pigment/aluminium *)
13-3 marine blue	74160 51319
15-3 sea green	21108 74260
16-3 ice blue	21108 73915
17-3 blue teal	74160 51319 77266
21-3 cayman green	74160 74260
22-3 moos green	21108 74260
23-3 apple red	73915 74160
26-3 kelly green	74260 21108
31-3 blue gunmetal	74160 77266 51319
32-3 gunmetal	74160 77266
36-3 rose	73915 74160
38-3 dusty rose	73915
40-3 dark gold	73915 21108
42-3 apricot	73915 21108 77266
43-3 red gold	73915 21108
44-3 rose gold	73915 21108
46-3 marigold	73915 21108
47-3 lavender	51319
50-3 silver	without any pigment **)
51-3 gold	73915 21108
52-3 red	73915 21108
53-3 green	21108 74160
54-3 blue	74160
55-3 aqua	74260 74160
56-3 purple	51319
57-3 fuchsia	73312 74160
58-3 black	77266
59-3 copper	73915 21108
61-3 light green	21108 74260
62-3 light blue	74160 74260
66-3***) white	77891
67-3 multi	73915 21108 74160 74260 73312

*) chemical Composition: Polyethylene Terephthalate 96.8 – 97.5 % / Polyurethane 2.5 – 3.2 %

**) chemical Composition: Polyethylene Terephthalate 96.7 – 97.4 % / Aluminum 0.1 % / Polyurethane 2.5 – 3.2 %

***) contains 5 % CI 77891 and 16 % Barium sulfate – CAS 7727-43-7

Product Data Sheet



The German spirit of quality since 1854



SiLigit Polyester Glitter Grade I

First created on: 2011-04-07
Next inspection on: 2021-12-31

Updated on: 2021-08-18
Printed on: 2021-08-18

Version: V27/2021

Colours / Pigments:

Colour	CI-Number
75-3 light copper	73915 21108
78-3 orange	73915 21108
79-3 dark green	21108 74260
81-3 chartreuse	21108 74260
86-3 nottingham forest	74260 74160 77266
87-3 midnight green	74260 77266
89-3 cinnamon	73915 21108 74260 77266
92-3 deep burgundy	73915 77266 51319
96-3 sky blue	74160
100-3 limette	74260 21108
102-3 plum	73915 74160 77266
105-3 peacock	74160 21108 74260
107-3 canadian blue	74160 51319 73915
108-3 navy blue	73915 74160 51319
109-3 western blue	74160 74260
110-3 regal red	73915 74160
111-3 yellow gold	73915 21108
112-3 deep gold	73915 21108
113-3 antique copper	73915 21108
114-3 firebrand	73915 51319
115-3 rust	73915 21108
116-3 blue indigo	73915 74160
118-3 pale gold	73915 21108
119-3 sunshine gold	73915 21108
196-3 sea spray	74260 74160

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.	resistant
Isopropanol (25%)	15 min.	resistant
Isopropanol (70%)	15 min.	resistant
Demineralized H ₂ O	3 months	resistant
Exposure test according to DIN EN ISO 4892-2 light fastness	1.000 hours (equal to 1 year Central European climate)	resistant *)

*) tested Pigments: CI 51319, CI 73915, CI 74160, CI 74260, CI 77266

Storage indication:

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

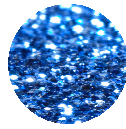
Disposal information:

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 I
Safety Data Sheet SiLigit Grade I Poly-3 PU
Test Reports

Product Data Sheet



*The German
spirit of quality
since 1854*



SiLigit Polyester Glitter Grade I

First created on: 2011-04-07 Updated on: 2021-08-18
Next inspection on: 2021-12-31 Printed on: 2021-08-18

Version: V27/2021

Manufacturer / Supplier:

Sigmund Lindner GmbH
Oberwarmensteinacher Str. 38
95485 Warmensteinach
Germany
Phone: +49-9277-9940
Fax: +49-9277-99499
Web: www.sili.eu
E-Mail: sili@sili.eu

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

Responsible:

Erwin Pschierer, Product Manager Glitter
Phone: +49-9277-99483
Fax: +49-9277-99489
E-Mail: pschierer@sili.eu

*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.*