

Product Data Sheet

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

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

Responsible: Erwin Pschierer, Product Manager Glitter
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Trade name: Polyester Glitter Grade I Iris 300-3

Application of product: Effect material for decoration and other products

Construction of the Article number:

Material	Size		Colour	Form
25	10	—	321-3	hex

Construction of Glitter particle:

Particle is made from up to 120 individual foils

Chemical composition:

Name	Weight	CAS-No.	EG-No. (EINECS)	CI-No.	FDA/CFR
Polyethylene Terephthalate	75 %	25038-59-9	none	---	FDA Ref# 21 CFR 177.1310
Acrylates Copolymer	25 %	25035-69-2	none	---	FDA Ref# 21 CFR 177.1010

Colours: 321-3 iridescent copper/red
 322-3 iridescent red/green
 323-3 iridescent blue/green
 324-3 iridescent violet
 300-3 iridescent multi (mixture: 321-324)

Special colours: 310-3 iridescent (mixture: 321+322)
 (available by request) 311-3 iridescent (mixture: 323+324)

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Available sizes:

Size particle		Artikel / Gauge/thickness					Form		
		0,035 mm 0.0014"	0,033 mm 0.0013"	0,030 mm 0.0012"	0,028 mm 0.0011"	0,028-0,035 mm 0.0011-0.0014"	■ sq	● hex	■ rec
1,60 mm	0.062"	2562-321-3	2562-322-3	2562-323-3	2562-324-3	2562-300-3			random
6,30 mm	0.250"	2550-321-3	2550-322-3	2550-323-3	2550-324-3	2550-300-3			random
0,90 mm	0.035"	2535-321-3	2535-322-3	2535-323-3	2535-324-3	2535-300-3			random
0,10 x 0,05 mm	0.004 x 0.002"	2525-321-3	2525-322-3	2525-323-3	2525-324-3	2525-300-3			X
0,20 x 0,10 mm	0.008 x 0.004"	2515-321-3	2515-322-3	2515-323-3	2515-324-3	2515-300-3			X
0,90 x 0,10 mm	0.035 x 0.004"	2516-321-3	2516-322-3	2516-323-3	2516-324-3	2516-300-3			X
1,60 x 0,30 mm	0.062 x 0.0125"	2517-321-3	2517-322-3	2517-323-3	2517-324-3	2517-300-3			X
3,10 x 0,20 mm	0.125 x 0.008"	2514-321-3	2514-322-3	2514-323-3	2514-324-3	2514-300-3			X
3,10 x 0,30 mm	0.125 x 0.0125"	2518-321-3	2518-322-3	2518-323-3	2518-324-3	2518-300-3			X
0,10 mm	0.004" sq / hex	2520-321-3	2520-322-3	2520-323-3	2520-324-3	2520-300-3	X	X	
0,15 mm	0.006" sq / hex	2519-321-3	2519-322-3	2519-323-3	2519-324-3	2519-300-3	X	X	
0,20 mm	0.008" hex	2510-321-3	2510-322-3	2510-323-3	2510-324-3	2510-300-3		X	
0,40 mm	0.015" hex	2501-321-3	2501-322-3	2501-323-3	2501-324-3	2501-300-3		X	
0,50 mm	0.020" hex	25025-321-3	25025-322-3	25025-323-3	25025-324-3	25025-300-3		X	
0,60 mm	0.025" hex	2502-321-3	2502-322-3	2502-323-3	2502-324-3	2502-300-3		X	
0,80 mm	0.032" hex	2503-321-3	2503-322-3	2503-323-3	2503-324-3	2503-300-3		X	
1,00 mm	0.040" hex	2504-321-3	2504-322-3	2504-323-3	2504-324-3	2504-300-3		X	
1,60 mm	0.062" hex	2508-321-3	2508-322-3	2508-323-3	2508-324-3	2508-300-3		X	
2,50 mm	0.094" hex	2509-321-3	2509-322-3	2509-323-3	2509-324-3	2509-300-3		X	
3,00 mm	0.125" hex	25095-321-3	25095-322-3	25095-323-3	25095-324-3	25095-300-3		X	

Technical data:Specific weight: 1,20 kg/dm³Bulk density: between 0,20 and 0,75 kg/dm³ - depending on particle size**Resistance:**

Medium	Condition	Result
Temperature	up to 100 °C	resistant
MEK (Methyl Ethyl Ketone; 99%)	15 min	not resistant
Isopropanol (25%)	15 min.	not resistant
Isopropanol (70%)	15 min.	not resistant
Demineralized H ₂ O	3 months	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:

Safety Data Sheet SiLiglit Grade I Iris 300-3

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.