

TECHNICAL SHEET

Product: **GLITTER GRADE II**

Company:

Color Rare Ltd 105-1725 Atmec Gatineau, QC J8R 0E7
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Trade name: **Glitter Grade II**
Application of product: Effect material for decoration and other products

Construction of the Article number:

Material	Size		Colour	Form
27	01	_	54-11	hex

Construction of Glitter particle:

Chemical composition:

Name	Weight	CAS-No.	EG-No. (EINECS)	CI-No.
Epoxy Resin polymer*)	5,3 %	---	---	none
Solvents	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 Red 218		82347-07-7	none	none
Solvent Blue 70		12237-24-0	none	74400
Solvent Black 27		12237-22-8	none	none
Solvent Yellow 135		68427-35-0	none	none
Rhodamine B		81-88-9	none	none
Colorant Violet		3248-91-7	none	none
Basic Red		3068-39-1	none	none
Green 7		1328-53-6	215-524-7	74260
Blue 15		147-14-8	205-685-1	74160
Colorant Red		26694-69-9	none	none
Aluminium	0,4 %	7429-90-5	231-072-3	77000
Polyethylene Terephthalate	92,9 %	25038-59-9	none	---

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

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Available sizes:

Size particle		Gauge / thickness			Form
		0,019mm 0.0008"	0,038mm 0.0011"	0,050mm 0.0020"	
0,075 mm	0.003" hex	Art. 2727			hexagonal
1,60x0,30mm	0.062 x 0.0125"		Art. 2717		rectangular
0,10 mm	0.004" hex		Art. 27201		hexagonal
0,20 mm	0.008" hex		Art. 2710		hexagonal
0,30 mm	0.012" hex		Art. 27015		hexagonal
0,40 mm	0.015" hex		Art. 2701		hexagonal
0,50 mm	0.020" hex		Art. 27025		hexagonal
0,60 mm	0.025" hex		Art. 2702		hexagonal
0,80 mm	0.032" hex		Art. 2703		hexagonal
1,00 mm	0.040" hex		Art. 2704		hexagonal
1,30 mm	0.052" hex		Art. 2706		hexagonal
1,60 mm	0.062" hex		Art. 2708		hexagonal
2,00 mm	0.080" hex		Art. 27085		hexagonal
2,50 mm	0.094" hex		Art. 2709		hexagonal
3,00 mm	0.125" hex		Art. 27095		hexagonal
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	crescents

Colours / Solvents

Colours	Colourants
02-11 sand	Solvent Yellow 21 Solvent Red 122
03-11 magenta	Solvent Red 122 Solvent Red 127
04-11 bronze	Solvent Yellow 21 Solvent Red 122 Solvent Black 27
06-11 old rose	Solvent Red 122 Solvent Red 127
11-11 transparent ^{1) 2)}	
15-11 sea green	Solvent Yellow 21 Solvent Blue 70
23-11 apple red	Solvent Red 308 ⁵⁾
29-11 light pink	Solvent Red 122 Solvent Red 127
30E-11 neon pink	Rhodamine B Basic Red
31-11 blue gunmetal	Solvent Red 127 Solvent Black 27
32-11 gunmetall	Solvent Red 127 Solvent Black 27
35-11 violet	Solvent Red 127 Solvent Blue 70
36-11 rose	Solvent Red 122 Solvent Red 127
37-11 lilac	Solvent Red 127 Solvent Blue 70
38-11 dusty rose	Solvent Red 122 Solvent Red 218
40-11 dark gold	Solvent Yellow 21 Solvent Red 122
41-11 light lavender	Solvent Red 127 Solvent Blue 70
42-11 apricot	Solvent Yellow 21 Solvent Red 122
43-11 red gold	Solvent Yellow 21 Solvent Red 122
44-11 salmon	Solvent Yellow 21 Solvent Red 127
46-11 marigold	Solvent Yellow 21 Solvent Red 127 Solvent Red 122
47-11 lavender	Solvent Red 127 Solvent Blue 70
50-11 silver ³⁾	---
50PS-11 pure silver ⁴⁾	---
51-11 gold	Solvent Yellow 21 Solvent Red 122
52-11 red	Solvent Red 122 Solvent Red 127
53-11 green	Solvent Yellow 21 Solvent Blue 70
54-11 blue	Solvent Red 127 Solvent Blue 70
55-11 aqua	Solvent Yellow 21 Solvent Blue 70
56-11 purple	Solvent Red 127 Solvent Blue 70
57-11 fuchsia	Solvent Red 122 Solvent Red 127

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Version: V14/2016

Colours		Colourants	
57E-11	neon fuchsia	Rhodamine B	Colorant Violet
58-11	black	Solvent Yellow 21	Solvent Black 27
59-11	copper	Solvent Yellow 21	Solvent Red 122
61-11	light green	Solvent Yellow 21	Solvent Blue 70
61E-11	neon lime green	Green 7	Solv. Yellow 135
62-11	light blue	Solvent Red 127	Solvent Blue 70
62E-11	neon light blue	Blue 15	Solv. Yellow 135
75-11	light copper	Solvent Yellow 21	Solvent Red 122
78E-11	neon orange	RhodamineB / Colorant Red / Solv. Yellow135 / Basic Red	
79-11	dark green	VS-213 ⁵⁾	VS-215 ⁵⁾
80-11	dark blue	Solvent Red 127	Solvent Blue 70
81E-11	neon chartreuse	Solv. Yellow 135	
82-11	dark purple	Solvent Red 127	Solvent Blue 70
83-11	opal green	Solvent Yellow 21	Solvent Blue 70
84-11	jade	Solvent Yellow 21	Solvent Blue 70
92-11	deep burgundy	Solvent Red 122	Solvent Red 127
96-11	sky blue	Solvent Red 127	Solvent Blue 70
107-11	canadian blue	Solvent Red 127	Solvent Blue 70
109-11	western blue	Solvent Red 127	Solvent Blue 70
110-11	regal red	Solvent Red 122	Solvent Red 127 Solvent Black 27
111-11	yellow gold	Solvent Yellow 21	Solvent Red 122
112-11	deep gold	Solvent Yellow 21	Solvent Red 122
117-11	medium blue	Solvent Red 127	Solvent Blue 70
118-11	pale gold	Solvent Yellow 21	Solvent Red 122

¹⁾ without any colourants (Polyethylene Terephthalate 94,7 %, Epoxy Resin 5,3 %)

²⁾ Heat resistance max. 120 °C, (Polypropylene 94,7 %, Epoxy Resin 5,3 %)

³⁾ without any colourants (Polyethylene Terephthalate 94,3 %, Aluminium 0,4 %, Epoxy Resin 5,3 %)

⁴⁾ without any colourants (Polyethylene Terephthalate 94,3 %, Silver 0,4 %, Epoxy Resin 5,3 %)

⁵⁾ Description used by foil-supplier, no data available

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 Glitter silver Colour 50-□□/50PS-□□	Result Glitter coloured
Temperature (up to 230 °C)	1 min.	resistant	resistant
Temperature (up to 175 °C)	5 min.	resistant	resistant
MEK (Methyl Ethyl Ketone; 99%)	15 min	not resistant	not resistant
Isopropanol (25%)	15 min.	partially resistant	partially resistant
Isopropanol (70%)	15 min.	partially resistant	partially resistant
Demineralized H ₂ O	24 hours	resistant	resistant partially
	3 months	not resistant	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.

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.