

Ragn-Sells Däckåtervinning AB



June 2017

Medium Infill rubber granulate 1.0-2.8 mm

One of the most important materials recycled from end-of-life tires is rubber granulate, which is used in artificial grass, surfaces for horseback riding, and silent asphalt, among other uses. Ragn-Sells Däckåtervinning AB is both a manufacturer and supplier of rubber granulates.

Product:
Medium Infill

Size:
1.0-2.8 mm

Area of use:
Infill material for artificial turf, among other uses.

Revision:
2019-04-17

Origin:
SBR (Styrene-Butadiene Rubber).
Waste code (EWC code) 19 12 04 - Plastic and rubber.

Use:
Necessary permits may be required for handling the granulate, and registration or a permit application may be required for use.

Packaging:
Big bags + pallet with 1070 kg \pm 5%

Producer:
Ragn-Sells Däckåtervinning AB
Heljestorp 150
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Sverige



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Type	Medium Infill	Standard	Method	Unit	Requirements / Recommendation	Type value
1	Form	EN 14955		Description	Spherical, moderately angular	According to spec.
2	Colour	EN ISO 20105-A02		L*a*b	Not specified	Black
3	Structure	EN 14955			Dense	According to spec.
4.1	EOX	DIN 18035-7	DIN 38 414 S 17	mg/kg	≤100	≤22
4.2	DOC	DIN 18035-7	DIN EN 1484-H 3	mg/l	≤50	≤15
4.3	Pb (in hydrous eluate)	DIN 18035-7	DIN EN ISO 17294-2 E 29	mg/l	≤0.025	≤0,0005
4.4	Cd (in hydrous eluate)	DIN 18035-7	DIN EN ISO 17294-2 E 29	mg/l	≤0.005	≤0.0002
4.5	Cr total (in hydrous eluate)	DIN 18035-7	DIN EN ISO 17294-2 E 29	mg/l	≤0.05	≤0.001
4.6	Cr VI (in hydrous eluate)	DIN 18035-7	DIN 38405-D 24	mg/l	≤0.008	≤0.005
4.7	Hg (in hydrous eluate)	DIN 18035-7	DIN EN ISO 17294-2 E 29	mg/l	≤0.001	≤0.0001
4.8	Sn (in hydrous eluate)	DIN 18035-7	DIN EN ISO 17294-2 E 29	mg/l	≤0.04	≤0.014
4.9	Zn (in hydrous eluate)	DIN 18035-7	SS-EN ISO 11885 edition 2	mg/l	≤1.0	≤0.01
5	Deformation under load	ISA Sport		%	≥50	74
6	Residual deformation	ISA Sport		%	≤25	6
7	Abrasion resistance	ISA Sport	ISO 5074:2015	%	≥95	99
8	Bulk density	EN 1097-3		g/l	Not specified	440
9	Flammability	DIN 51960			Not specified	Class 1, Not flammable
10.1	Grain size	CEN/TS 14243:2010		mm	$0.5 \leq x < 3.15$	1.0-2.8
10.2	Content <0.8 mm	CEN/TS 14243:2010		%	<1	0
10.3	Particle size according to screening curve	CEN/TS 14243:2010				Upon request
11.1	Free metal contamination		OA-698 Rev. 4, 2010	%	<0.001	<0.001
11.2	Free fibre contamination		ASTM D 5603-01 Clause 7	%	<0.0005	<0.00005
11.3	Free mineral contamination		ASTM D 5603-01 Clause 7	%	<0.05	<0.05
11.4	Other contaminants		ASTM D 5603-01 Clause 7	%	<0.001	<0.001
12	Inhalable dust	DIN EN 15051		Classification	Very low to low	50 mg/m ³ - Very low to low
13	TGA (Elastomer %)	FIFA Test Method 11		%	(>40)	58
14	Sum of PAH 8	AfPS GS 2014:01 PAK		Mg/kgTs	20	6.5

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En del av kretsloppet