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TECHNICAL DATA SHEET

Edition #2_22.09.2025

NAME	Rubber Granulate GreenGran®
DESCRIPTION	Mix of fine rubber particles.
PRODUCTION	End-of-life tire recycling. End-of-life tires are shredded for the rubber small particles (granulate) of the required size, and steel and textiles are removed.
FIELDS OF APPLICATION	Rubber granulates are mainly used in sports fields, playground surfaces, running tracks, flooring, shock-absorbing mats, asphalt mixtures, and as a raw material in moulded rubber products.

TECHNICAL DATA

GreenGran® PLUS

PARAMETER	The value of the parameter for the granulate size		
	0-2.5 mm / 0.5-2 mm / 0.5-2.5 mm / 1-3 mm / 1-4 mm / 2-4 mm / 2-6 mm / 4-10 mm / 1-3/1.6-3.2 mm (given fraction content of 1.6-3.2 mm) / 0-2/0.8-1.6 mm (given fraction content of 0.8-1.6 mm)		
	I	II	III
Appearance	Loose black granulate with irregularly shaped particles.		
"Truck tires" content, %	>70	30-70	<30
Bulk density ⁽¹⁾ , kg/m ³	400-600		
Volumetric density ⁽²⁾ , kg/m ³	1100-1250		
Moisture ⁽³⁾ , %	< 1.0		
Free steel content ⁽⁴⁾ , %	< 0.02		
Free textile content ⁽⁴⁾ , %			
Other impurities ⁽⁴⁾ , %			

GreenGran®

PARAMETER	The value of the parameter for the granulate size		
	0.3-1.5 mm (distribution 1) / 0.3-1.5 mm (distribution 2) / 0.3-1.5 mm (distribution 3) 0.5-2 mm (distribution 1) / 0.5-2 mm (distribution 2)		
	I	II	III
Appearance	Loose black granulate with irregularly shaped particles		
"Truck tires" content, %	>70	30-70	<30
Bulk density ⁽¹⁾ , kg/m ³	300-450		
Volumetric density ⁽²⁾ , kg/m ³	1100-1250		
Moisture ⁽³⁾ , %	< 1.0		
Free steel content ⁽⁴⁾ , %	< 0.5		
Free textile content ⁽⁴⁾ , %			
Other impurities ⁽⁴⁾ , %			

(1) PN-EN 1097-3:2000 Testing of mechanical and physical properties of aggregates. Determination of bulk density and void ratio

(2) PN-EN 1097-6:2002 Testing of mechanical and physical properties of aggregates. Part 6: Determination of particle density and water absorption

(3) PN-EN 1097-5:2008 Testing of mechanical and physical properties of aggregates. Part 5: Determination of water content by drying in a ventilated oven

(4) PN-EN 14243-2:2019 Materials obtained from end-of-life tires. Part 2: Granulates and powders. Methods for determining the particle size distribution and impurities, including free steel and free textile content

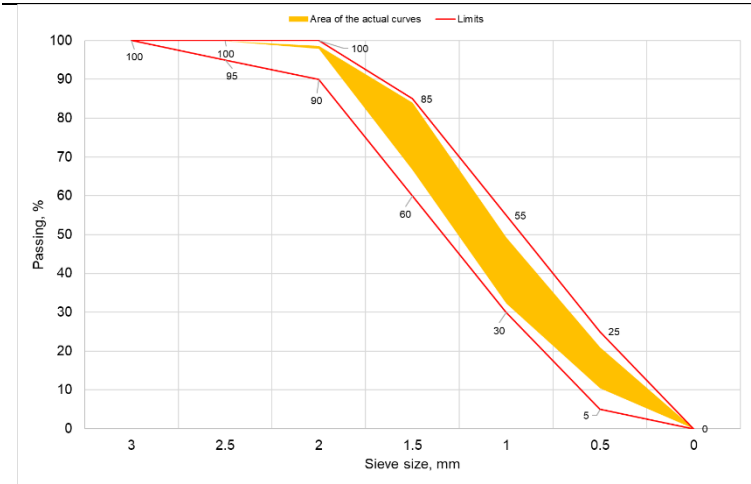
REACH Regulations

PAHs 8, mg/kg	< 20
SVHCs, %	< 0.1
STORAGE CONDITIONS	Should be stored in a way that minimizes fire risk, degradation, and environmental contamination. Ideal storage involves a cool, dry, and well-ventilated area, protected from direct sunlight and extreme temperatures.
PACKAGING	Big Bags of 1000 kg or plastic bags of 20 kg.

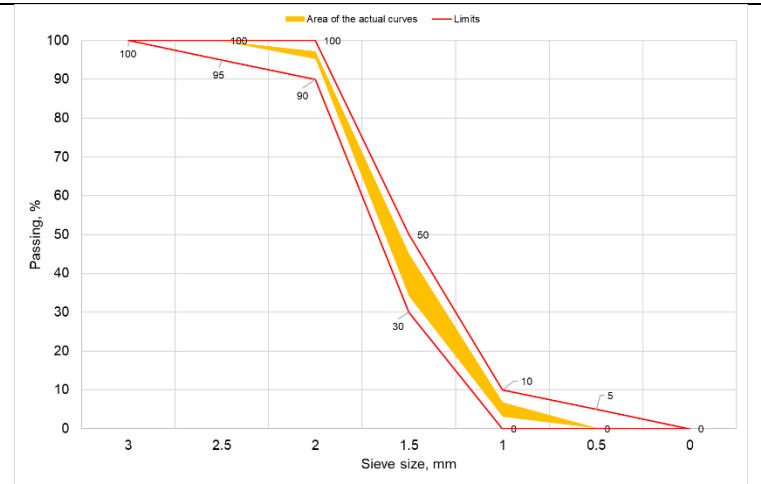


SIEVE ANALYSIS – requirements and data
GreenGran® PLUS

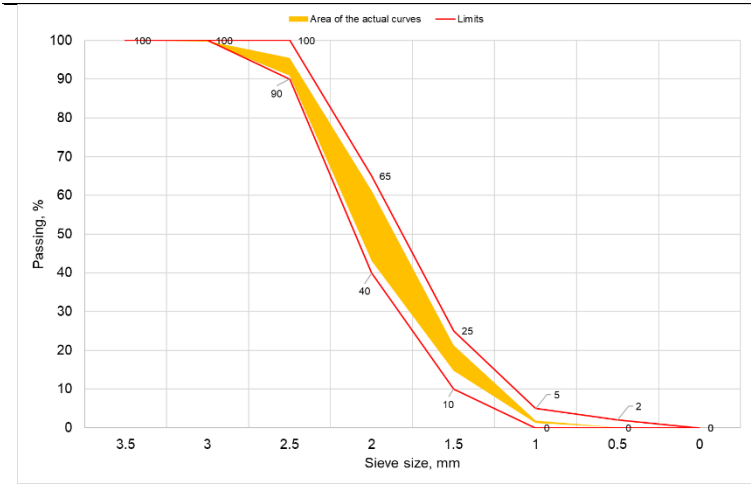
GreenGran® PLUS 0-2.5 I/II/III



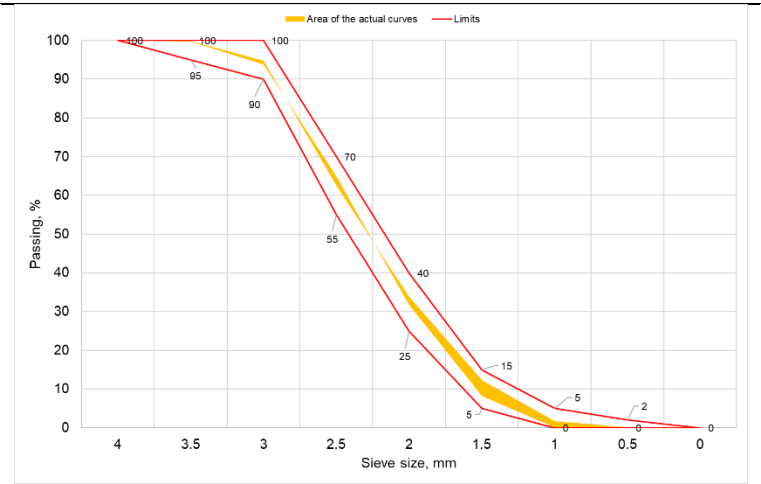
GreenGran® PLUS 0.5-2 I/II/III



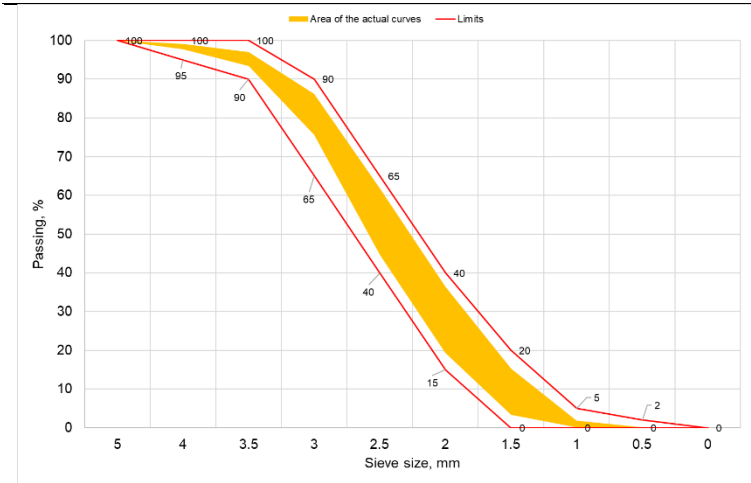
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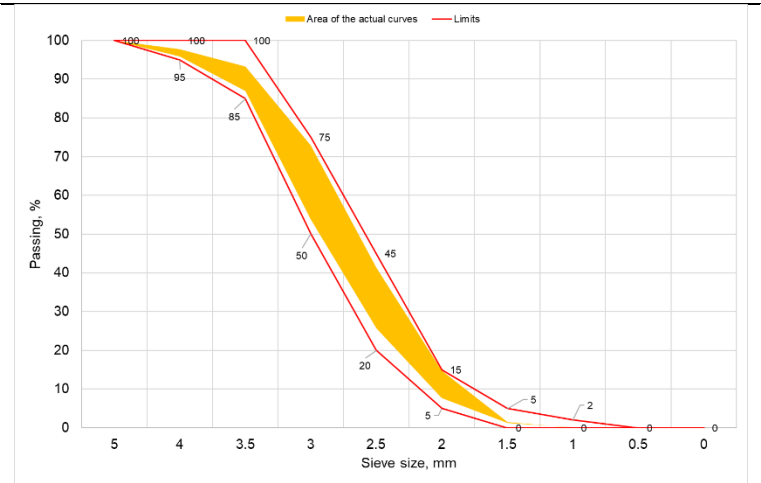
GreenGran® PLUS 1-3 I/II/III



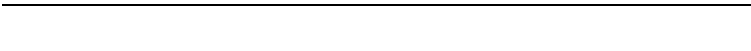
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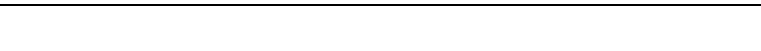
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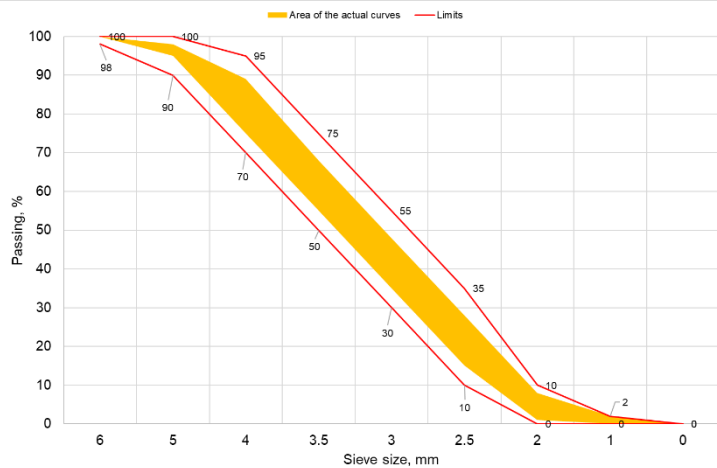


GreenGran® PLUS 2-5 I/II/III

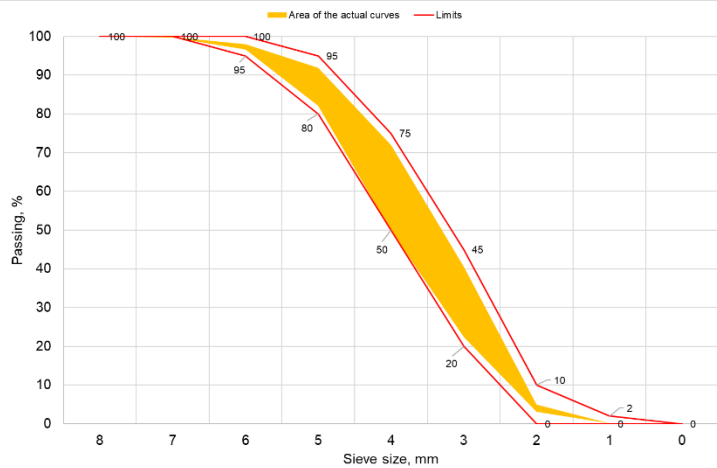


GreenGran® PLUS 2-6 I/II/III



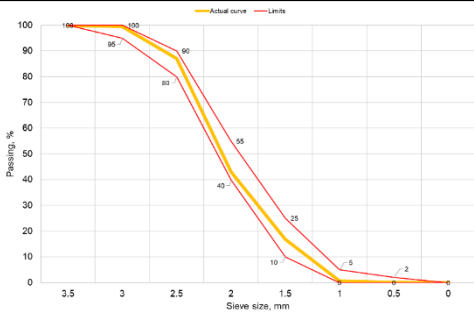


GreenGran® PLUS 1-3/1.6-3.2 mm I/II/III



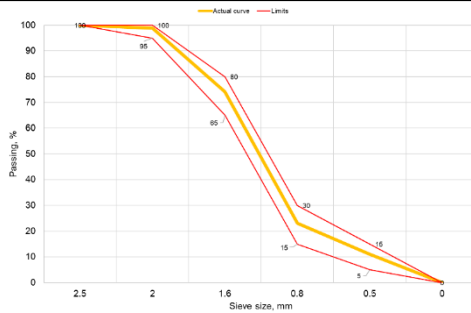
GreenGran® PLUS 0-2/0.8-1.6 I/II/III

GreenGran® PLUS 4-10 I/II/III

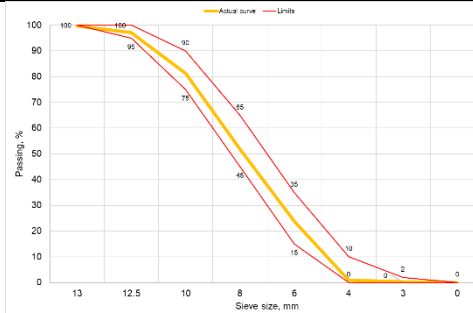


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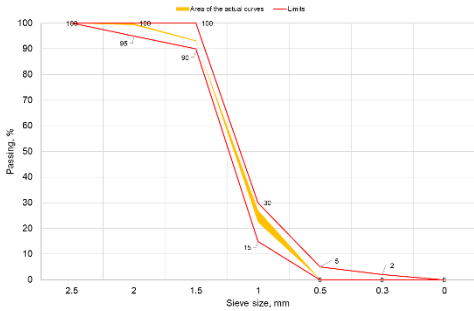
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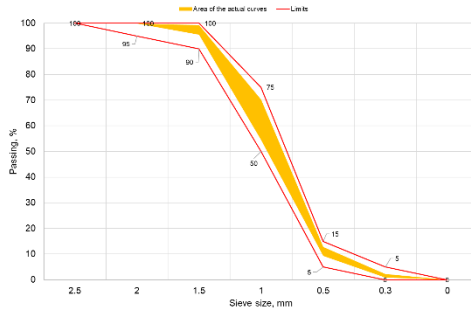
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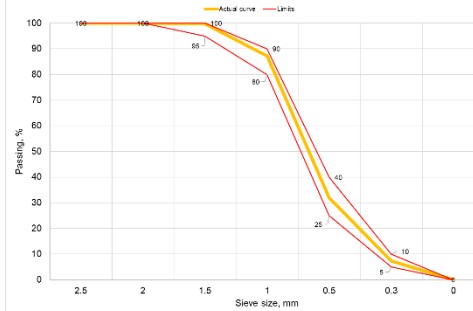
GreenGran® 0.3-1.5 I/II/III (distribution 3)



GreenGran® 0.5-2 I/II/III (distribution 1)



GreenGran® 0.5-2 I/II/III (distribution 2)



GreenGran® 0.5-2 I/II/III (distribution 3)



IMPORTANT. Customers are strongly advised to perform their evaluation tests under real production conditions to ensure that the rubber granulate offered, supplied, or purchased meets the requirements of their intended applications and delivers the expected performance. The information in this technical data sheet is provided only as general guidance. It is the responsibility of each customer to determine the suitability of the material for their particular use. Therefore, all risks connected with the use of this product are assumed by the customer. The outcome of an application depends on numerous factors beyond our control. For this reason, the details provided here cannot be regarded as grounds for legal claims.

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**Green
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