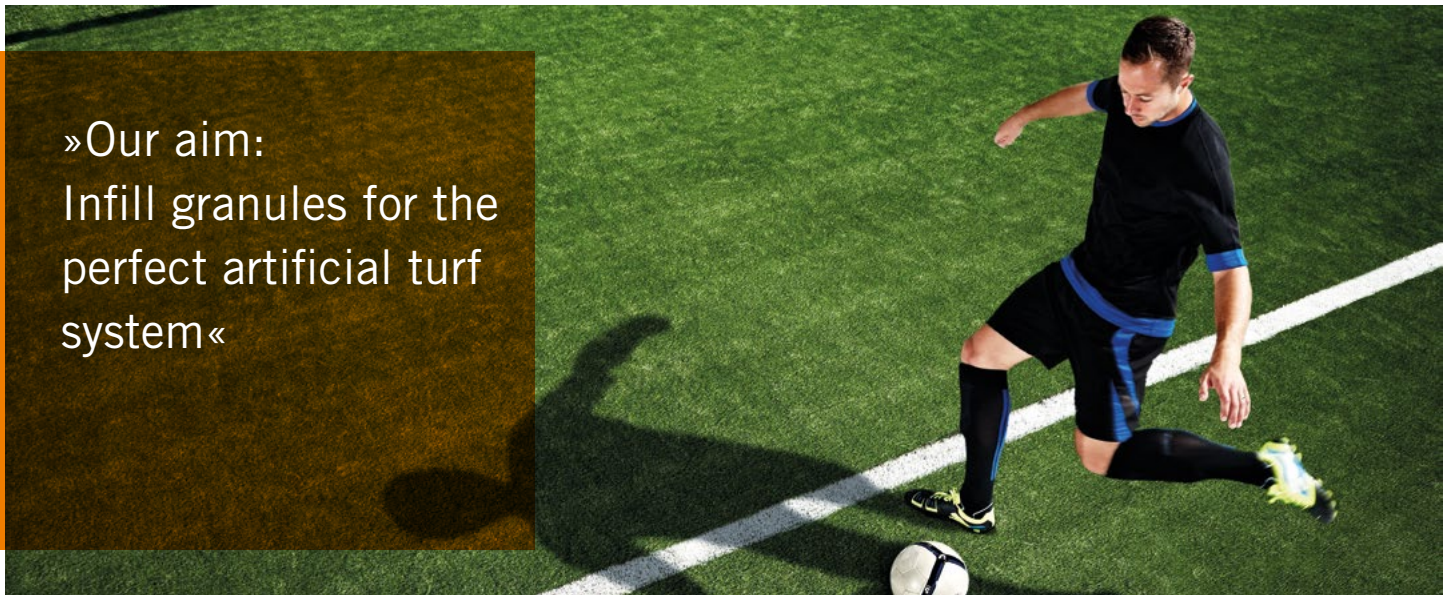


Melos Infill EPDM ST

»Our aim:
Infill granules for the
perfect artificial turf
system«



Made for top performances: Infill Granules by Melos.

Tested and flexible: The proven Infill EPDM ST is very lightfast and weatherproof. The selection of suitable pigments ensures the durability of the colours. The infill is produced out of virgin material for the use as an artificial turf granule. Melos Infill EPDM ST is offered in sulphur cross-linked form. Many years of experience with infill granules have shown that this cross-linking method results in a product with solid ageing stability and optimal sports-technical attributes.

Melos Infill Granules are used in different turf systems and are long-term proven. Intensive tests belong to our standards and ensure a high performance product.



Durable



Flame-retardant



Weatherproof



Eco-friendly and harmless to health



Virgin material



Favourable in terms of care



Certified quality



Sensible use of resources in the long term



Sports-functional



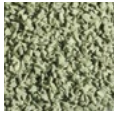
» Sports-functional

The use of rubber for filling artificial turf pitches is recommended by sports associations and sports medical experts as it protects the skin and joints. The Infill EPDM ST is manufactured for artificial turf systems and provides optimal sports functional properties.

LABOSPORT



» Available colours



Infill Green
Code: 46 5100
RAL: 6021

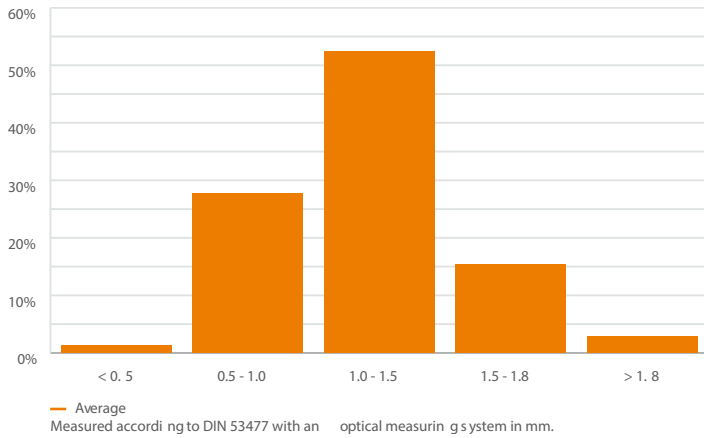


Brown
Code: 46 2800
RAL: 8024

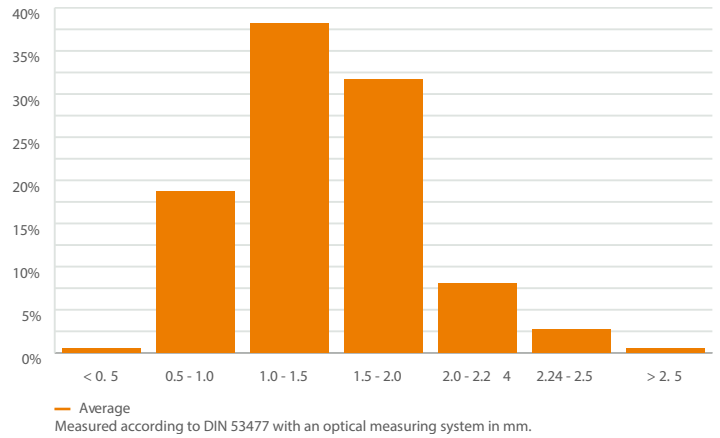
RAL - Approximate value¹

Optimal grain form and distribution are significant to the overall performance on a turf system. We have identified the driving parameters and can recommend a suitable granule for your particular requirements. The sieve curves below show the grain distribution of Infill EPDM ST 15 and ST 20, as measured by an optical measuring system. Suitability tests underline Infill ST's ideal suitability for intensive use as infill granules for artificial turf.

» Sieve curve Infill EPDM ST 0.5 - 1.5 mm



» Sieve curve Infill EPDM ST 0.5 - 2.0 mm



» Product information

Property	Unit	Value*	Test standards
Density	g/cm ³	1.60	DIN EN 1183-1
Polymer content	%	approx. 20	DIN EN ISO 3451-1
Bulk density (approx. ± 10%)	g/l	650	ISO 60
Hardness	Shore A	60	DIN ISO 7619-1
Tensile strength	MPa	> 5	DIN 53 504
Elongtion at break	%	> 500	DIN 53 504
Grain size	mm	0.5 - 1.5 or 0.5 - 2.0	
Polymer base	EPDM		
Flame retardance	Available as a supportive component in a system of class C _p -s1 (DIN EN 13501-1). ²		

» Environmental and health tests

Test in accordance with	Conformity
EN 71-3	Fulfils the requirements of toy safety standard with respect to the migration of certain components.
AfPS GS 2014:01 PAK	Fulfils the requirements of the category 1 and can be used safely.
DIN 18035-7	Fulfils all requirements according to DIN 18035-7, appendix B.

» Suitability tests

In practical use, infill granules have to withstand severe conditions: intensive mechanical pressures and high stress caused by sunlight and fluctuating climatic conditions. The quality of the sulfur cured Melos Infill EPDM ST granules is continuously tested and

controlled by the RAL Quality Monitoring. Naturally, the material also complies with all the usual national standards for artificial turf pitches.

* Technically related variations in property and colour and production-related variations as well as innovations and technical changes are reserved. Products shown may differ in configuration from the actual product.

¹ The RAL colour specifications are non-binding approximations. Differences in colour of the images are due to printing process.

² According to DIN EN 13501-1 individual components of a floor covering can not be tested according to standards. The fire classification is based on the entire system.



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