

Melos® Infill EPDM ST 15 | Infill EPDM ST 20

for perfect artificial turf

We can supply the feel-good factor!

You want to create optimal playing conditions on a football field? Then our products are exactly what you need. We have not only tailored our granules to suit the various turf systems, we have also factored the specific requirements of football into our product development.

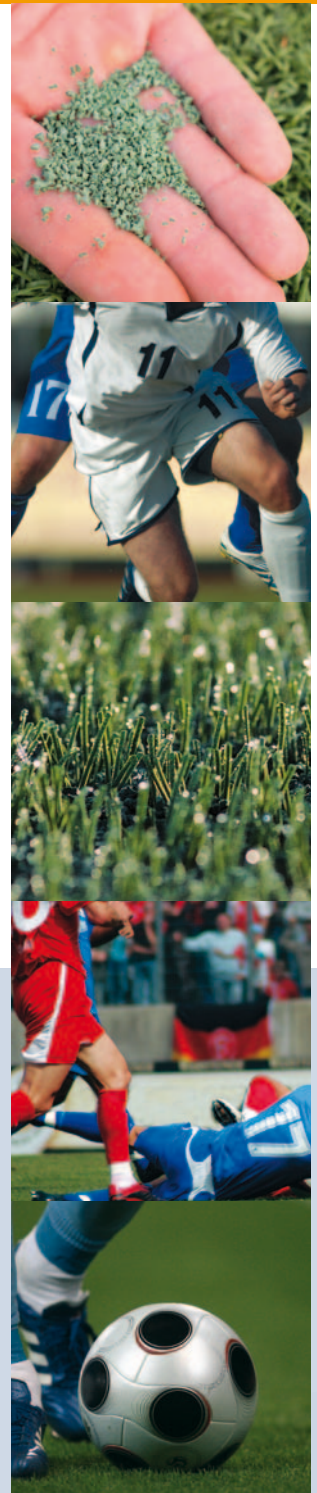
High-grade materials form the basis for top quality products. Our standard tests verify our products' optimal mechanical properties, and include comprehensive weathering tests to determine the UV resistance and guarantee the high performance.

Environmental friendliness

Melos infill materials are subjected to the most stringent of tests with regard to the environmental compatibility of the raw materials used. All products fulfil the standard environmental protection regulations. In special cases, such as in water protection areas or other sensitive zones, the granules are adjusted to be particularly environmentally safe. Contact us – we will be pleased to assist you.



LABOSPORT



	Characteristics	Advantages
Infill EPDM ST 15	Good elasticity, resistant to abrasion, weatherproof, environment-friendly, with improved bulk density	Optimum cushioning, long lifetime, compatible with all turf types, reduced consumption thanks to improved bulk density
Infill EPDM ST 20	Good elasticity, resistant to abrasion, weatherproof, environment-friendly	Optimum cushioning, long lifetime, compatible with all turf types

Certificates

The Melos brand stands for decades of experience and know-how in the manufacturing of sport granules. Our products fulfil the highest quality demands and guarantee optimum playing characteristics. All materials are checked intensively and are subjected to stringent measurement and testing procedures. Certified independent testing laboratories confirm the excellent suitability of the materials and thus guarantee unlimited use.

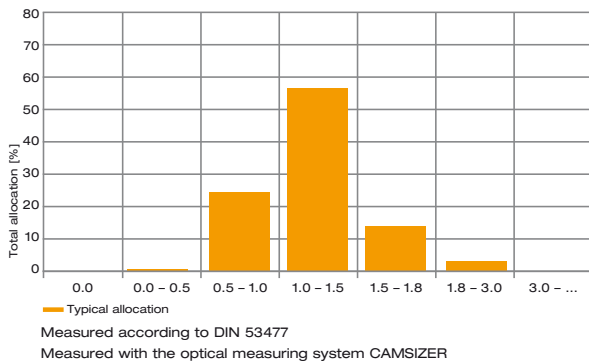
Flammability

The infill can also all be adjusted to be flame retardant, thus fulfilling the relevant fire protection classes (e.g. class C_{fl}-S₁ non-flammable material according to DIN EN 13501-1) to ensure unlimited use of artificial turf indoor and outdoor.

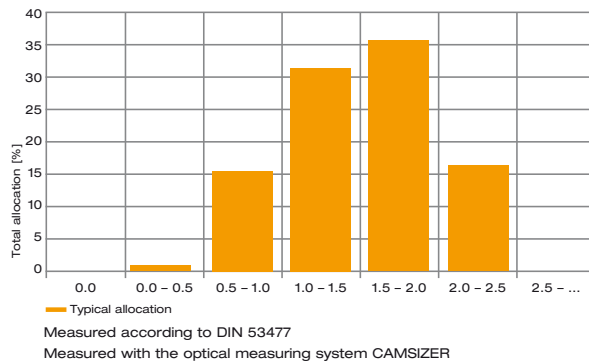
Granules sizes

The optimal form and distribution of our granules make a significant contribution to the turf system's overall performance. We have identified the decisive parameters and can recommend a suitable granule for your particular requirements. The grading curve below shows the grain size distribution of the standard fraction based on DIN 53477.

Sieve curve infill 0.5 – 1.5 mm



Sieve curve infill 0.5 – 2.0 mm



Characteristics	Infill EPDM ST 20	Infill EPDM ST 15
Density (g/cm ³)	1.58	1.58
Bulk density (g/L)	< 650	< 610
Hardness (Shore A)	60	60
Tensile strength (MPa)	> 5	> 5
Elongation (%)	> 500	> 500
Abrasion	97	97
ISA compression (%)	20	20



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Granules
Cable Compounds
Customer Solutions

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