

## Technical Data Sheet

### GommAmica® Powerfill Green

#### Description

Gommamica® Powerfill complies with the norms currently in force ruling the installation of sport surfaces in many countries, including LND, DIN, AFNOR and FIFA.

#### Origin

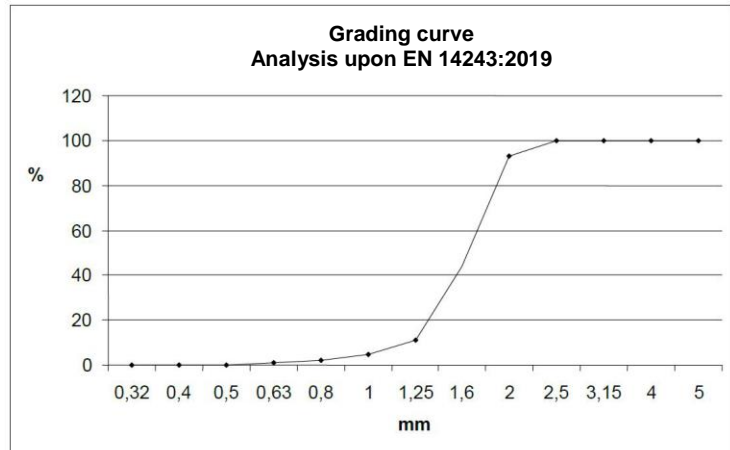
Car and truck tires (main European brands).

#### Coating

Polyurethane resin.

#### Colour

Fieldgreen.



#### Applications

Green rubber granulate especially conceived as infill material for football, five-a-side football and rugby synthetic turf fields.

Product approved by LND (Lega Nazionale Dilettanti).

#### Production technology

The product is obtained through a process of mechanical grinding and magnetic separation of the debris. Then, it is coated with high-strength polyurethane resin. The coating can be realised in one, two or three layers.

#### Product and technical details



Physical features	Kg/dm <sup>3</sup>
Specific weight	1,19 (+/- 0,02)
Density	0,48 (+/- 0,02)

Chemical features	%
Carbon Black	28 (+/- 2)
Cinder	8 (+/- 2)
Rubber (Hydrocarbon)	50 (+/- 2)



**Elastrade s.r.l.**  
 Sede Operativa e Amministrativa: Via dei Termini, 20 I-24040 Osio Sopra (BG).  
 Sede Legale: Via dei Termini, 18/A- 24040 Osio Sopra (BG).  
 Capitale Sociale € 100.000,00 – Registro Imprese Bergamo  
 R.E.A. BG-380229 – Codice Fiscale e Partita IVA 01617080666

**Technical data**

Mechanical features		Method
Abrasion resistance	No alteration after 20.000 cycles	LISPORT
Elasticity and flexibility	No alteration between -20° and 70° C	
Water solubility	None	
UVA/UVB resistance	Good	

**Certificates**



ISO 9001:2015 - Commercial distribution of rubber materials and products, including recycled ones.

ISO 14001:2015 - Commercial distribution of rubber materials and products, including recycled ones.

ReMade in Italy – Product certification IT324541

LABOSPORT - 24-0159IT-B – Certification of performance infill in coated vulcanised rubber. F.I.G.C – L.N.D.

L.N.D. – ELA/C – 002 - Performance infill in coated vulcanised rubber.

F.I.F.A. EN 15330-1 and EN 14836 :2006 – Synthetic surfaces for outdoor sports areas. Exposure to artificial weathering.

prEN 15330-5:2022 - Surfaces for sport areas — Synthetic turf and textile sports surfaces.

DIN SPEC 18035-7:2014 – Chemical analysis of performance infill.

AFNOR NF P90-112: Sports grounds - Unbound mineral surfaces for outdoor sport areas - Specifications for construction.

IRB World Rugby: Artificial Turf Performance Specification.

EN 71-3:2019 +A1:2021 - Migration of Certain Elements.

AfPS GS 2014:01 PAK - Testing and assessment of polycyclic aromatic hydrocarbons (PAHs).

Permanent Agglomeration Temperature (P.A.T.)

UNI EN ISO 11925:2:2010/EC 1/2011 - Fire resistance.