

Technical Data Sheet

GommAmica® PowerFill Brown

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 track used tires (main European brands).

Coating

Polyurethane resin

Colour

Brown.

Applications

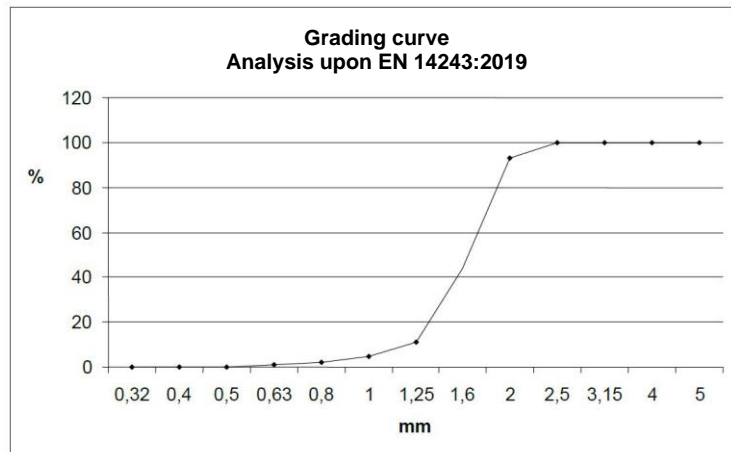
Brown rubber granulate especially conceived as infill material for football, five-a-side football and rugby synthetic turf fields.

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 ³
Specific weight	1,19 (+/- 0,02)
Density	0,49 (+/- 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 di 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 – 21-0187IT - Certification of performance infill in coated vulcanised rubber. F.I.G.C – L.N.D.

L.N.D. – ELA/C – 001 - 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.

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.)