

EPDM 856

(Ethylene Propylene Diene Monomer Rubber)

RUBBER GRANULES

GENERAL CHARACTERISTICS

Type of material: Rubber EPDM

Grain size: 0.5-1.5mm,1-3.5mm,1-4mm, EPDM dust

PERFORMANCE OF SAMPLE WITH 22% EPDM CONTENT

Test item	Performance	Standard
Tensile strength (N/mm ²)	>1	ASTM D412-6
Elongation at break (%)	>800	ASTM D412-6
Hardness (shore A)	65	ASTM D2240-15
Specific gravity (kg/m ³)	1.51 ± 0.05	ASTM D792-20

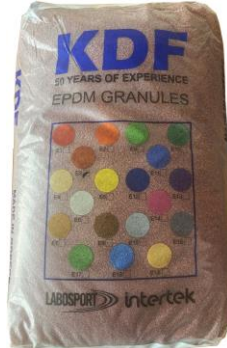
PREPARATION-APPLICATION

EPDM 856 granules are basically used for wet pour colored playground floorings (granulometry 1-3.5mm or 1-4mm or 0.5-1.5mm), for flexible multipurpose outdoor courts in 10-20 mm, **SYSTEM COLORFLEX**, and in applications of running track system such as **POLTRACK SANDWICH SYSTEM** (granulometry 1-3.5mm broadcasted) and **POLTRACK SPRAYCOAT SYSTEM** (granulometry 0.5-1.5 mm as spray system mixed with PU resin P12).

Can be used also as infill of artificial synthetic turf or in the production of EPDM rubber tiles or EPDM rubber rolls or loose lay as EPDM Mulch.

PACKAGING

Bags of 25kg



REMARKS

- It is highly suggested (especially in hot climates like in Middle East countries) the usage of the UV-resistance topcoat **POLYSPORT XP 1069**, which gives a strong UV protection and doesn't allow the change of color to occur. **POLYSPORT XP 1069** is produced in all EPDM color range and needs to be applied with 0,4 kg/m² in two crossing layers by airless sprayer or rollers over EPDM surfaces with PU binder.
- In case of sprayed coated running track system, it is suggested the usage of POLYSPORT 1052 UV resistant coating where the color shade is green or blue or any other except red color which doesn't need any protection.
- Same can be applied for long term color stability also for the POLTRACK SANDWICH SYSTEM over broadcasted EPDM granules.
- In case that there is no usage of UV-resistance polyurethane aliphatic coating strong shades like blue, rose, orange, grey etc. will alter.
- All technical data are correct to the best of our knowledge and are intended to help our customers.
- They do not constitute a guarantee of qualities and provide on bases for legal liability.
- We advise our customers to choose the correct type of PU-binder (normal aromatic binder or aliphatic 2-component binder) according to the type and color of the EPDM rubber granules.

CERTIFICATES AND TEST REPORTS

Ask for our certificates and test reports for EPDM as:

- pAH and Elements acc. to EN 71-3
- UV resistance test (FIFA Test Method 10)
- SRI (Solar Reflectance Index)
- Weathering Resistance
- Water Resistance
- Dimensional Stability

KDF - Kataskeves Dapedon LTD
e : exports@kdf.gr w : www.kdf.gr

Headquarters/Showroom Office
19th km National Road Thessaloniki-Moudania
57001, Neo Rysio, Thessaloniki, Greece
t / f : +30 2310 829598

KDF

Sports Flooring Systems & Building Materials

50 YEARS OF EXPERIENCE

- Temperature Resistance

The information given here is true, represents our best knowledge and is based not only on laboratory work, but also on field experience. However, because of numerous factors affecting results we offer this information without any guarantee and no patent liability is assumed. For additional information or questions, contact the technical department of KDF LTD.

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