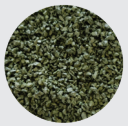
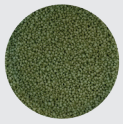
FieldTurf®
A Tarkett Sports Company

INFILL COMPARISON

INFILL	DESCRIPTION	MANDATORY SHOCKPAD?	BULK DENSITY (+/- 10%)	PAH CONTENT	ADVANTAGES	DISADVANTAGES
COATED SBR 	Coated SBR is produced from black SBR granules that are surrounded by a layer of green or brown Polyurethane resin.	No	0,43 g/cm^3	<20 mg/kg*	•Shock absorbing •UV Resistant •Made from recycled material •Can be reused (in future fields) •Reduced odour compared to ambient SBR	•Varying grades of coating •Premature wear of coating depending on the quality
PROGRAN 	PRO-gran is a premium coated SBR rubber infill with a newly developed and highly durable polyurethane coating.	No	0,51 g/cm^3	Not detected**	•Shock absorbing •UV Resistant •No alteration after 15.000 cycles Lisport XL •Meets PAH limits for articles •Bulk density comparable to SBR •Reduced odour compared to ambient SBR	•Only one supplier
PUREFILL 	100% natural cork infill	No	0.13-0.19 g/cm^3	Not detected**	•Fully organic •Most durable organic material •UV Resistant and fire-retardant •Proven heat reduction •Natural soil aesthetic •Low bulk density •Odourless and imperishable	•Infill migration during heavy rains may occur •Static charging issues may occurs on new fields •Additional maintenance required •Periodic addition of infill required •Limited sourcing
PURESELECT 	PureSelect is made from european olive pits that are cleaned and turned into granules to obtain a 100% organic infill	Yes	0.74 g/cm^3	<1.4 mg/kg*	•100 % organic infill •Natural soil aesthetic •Proven heat reduction •UV resistant, does not float •Odourless and imperishable •Simplified maintenance	•High bulk density •Low shock absorbing properties
EPDM 	Ethylene Propylene Diene Monomer (EPDM) granules are manufactured from virgin synthetic rubber.	Yes	0,65 g/cm^3	<1 mg/kg*	•Shock absorbing •Meets PAH limits for articles •Good particle size distribution due to angular shape •Odourless and dust-free	•Cost •Cannot be reused •Varying grades of EPDM •Low polymer content and inconsistent quality can lead to premature aging issues and agglomeration of material •High Bulk density •Limited sourcing
TPE 	TPE (ThermoPlastic Elastomer) is a virgin material infill available and 100% recyclable and reusable.	Yes	0,85 g/cm^3	<0,5 mg/kg*	•Shock-absorbing •Can be recycled •Meets PAH limits for articles •Odourless and dust-free	•Cost •Varying grades of TPE •Low polymer content and inconsistent quality can lead to premature aging issues and agglomeration of material •High Bulk density •Limited sourcing •Homogenous particle distribution
PROMAX HYDROFLEX 	A TPE infill made of 70% of the same virgin polymers as our high quality turf fibers combined with up to 30% of PE from recycled turf fibers from end-of-life pitches	Yes	0,27 g/cm^3	Not detected**	• Eco-friendly infill • Same virgin polymers as turf fibers • Uses recycled end-of life turf • Manufactured in our German factory • Non-floating & odourless • UV stabilised w/ manufacturer's warranty • Fully recyclable	• Cost

* PAHs to be considered are the 8 PAHs referred in entry N°50 of Annex XVII of REACH regulations.
** PAH compounds not detected at levels above the indicated limit of quantification (LOQ) (Test method AfPS GS 2014:01)

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