



TECHNICAL DATA SHEET

MATERIAL :

FATES™ Glide



Soft, plant-based, lightweight, flexible PU foam for footwear applications

GENERAL INFORMATION

FATES Glide Bio-Foam is a patented premium thermoset polyester polyurethane foam made from an industry-leading plant-based content of up to 58%. FATES Glide Bio-Foam has shown excellent longevity under both simulated and real-life aging conditions. This product is available in all colors.

PERFORMANCE CHARACTERISTICS

- Comfortable
- Resilient material
- Low compression set
- Lightweight material
- Low-hardness
- Medium bio-content
- High-performance attributes
- Excellent long-term performance

DETOXIFICATION BENEFITS

- FATES Glide Bio-Foam is made through a high-efficiency molding process
- FATES Glide Bio-Foam can significantly decrease the product's carbon footprint
- Limited use of non-renewable raw materials
- Safe working environments across Evoco's R&D and production facilities
- Reduction in hazardous ingredients, such as toxic crosslinkers, heavy metal catalysts, and volatile blowing agents

THIRD-PARTY CERTIFICATION



PRODUCT PROPERTIES

Criteria	Unit	Standard	FATES Glide
Bio-based content	%	ASTM D6866, Farm Bill 2008, FTC Green Guides, EN 16785-1	Up to 58
Density	g/cm ³	ASTM D792	0.18-0.23
Hardness	Asker C	ASTM D2240	25-35
Compression set	%	ASTM D395 (Method A)	≤10
Tensile strength	kg/cm ²	ASTM D412	≥12
Elongation at break	%	ASTM D412	≥300
Split tear strength	N/mm	SATRA TM65	≥1.4
Die-C tear strength	N/mm	ASTM D624	≥7
Rebound	%	ASTM D3574-17	≥30

GENERAL MATERIAL INFORMATION

Criteria	FATES Glide
Material composition	A high-performance, light-weight, and long-lasting flexible thermoset polyurethane foam
Color options	Color customization depending on MOQ
Product source	Biomaterials manufacturing
Source location	Vietnam
Pricing	Per request
Availability	Per request

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