



NIKE GRIND PU FOAM

TECHNICAL DATA SHEET

OCTOBER 2020



PU FOAM

MATERIAL: PU FOAM

PU FOAM

Polyurethane foam laminated with textile backing material.

POTENTIAL APPLICATIONS

A wide range of properties suitable for industries such as carpet padding, automotive and furniture.

NIKE GRIND

Created by the regeneration of manufacturing scrap and end-of-life shoes, Nike Grind materials are high-performance, long-lasting and environmentally conscious, providing the ultimate foundation for the next generation of sustainable design.

PERFORMANCE CHARACTERISTICS

- Lightweight
- Compressible
- Soft, exhibiting cushioning characteristics
- Shock-absorbing

POST-INDUSTRIAL PU FOAM



PU Laminated Foam

The image above is an example of Post-Industrial PU Foam material. See the following page for more details.



PU FOAM

POST-INDUSTRIAL LAMINATED POLYURETHANE FOAM

GENERAL MATERIAL INFORMATION

MATERIAL COMPOSITION:	PU FOAM Commonly midsole PU foams are used as a cushioning platform. Midsole PU foams are closed-cell made from MDI and either polyester or polyether isocyanate. Virgin raw material forms are designed to be Nike-RSL-compliant.
COLOR OPTIONS:	Varies, PU Foams are not color-segregated.
PRODUCT SOURCE:	Footwear manufacturing
SOURCE LOCATION:	Indonesia, Vietnam, China
PRICING:	Per request
AVAILABILITY:	Per request

PRODUCT PROPERTIES

MATERIAL:	PU FOAM LAMINATED
DENSITY (g/cm³):	0.26–0.50
PURITY:	PU foam sandwiched between polyester and polyester/Tafta top cloth
TOTAL ASH CONTENT (%):	0.98–1.33
SPECIFIC GRAVITY (WATER=1.0):	0.12–0.15
SHRINKAGE (%):	2
SHORE HARDNESS, ASKER C:	31–39
TENSILE STRENGTH (kg/cm²):	5
ELONGATION LENGTH (%):	110–170
TEAR (kg/cm²):	2.5
COMPRESSION SET (%):	25
DUROMETER SHORE 000:	Not Determined





CONTACT

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