

EcoPET

PROPERTIES DATA SHEET

valid from 2025

Architected Sound

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BASIC DATA

product name	EcoPET
product description	sound-absorbing system made from pressed polyester fibers
producer	RS Minus sp. z o.o. Chałubińskiego 53, 30-698 Kraków, Poland TIN: PL 676-243-60-70

PRODUCT CHARACTERISTICS

acoustics	sound absorption coefficient: $\alpha_w = 0.25 - 0.60$
fire safety	possibility of making out of materials with flammability class B-s2, d0
dimensional tolerance	+/- 1.5% for the single element dimensions
deflection for a freely suspended panel	up to 5 mm per 1 linear meter
finish	batch to batch variations in shade may occur within commercial tolerances

PRODUCT FEATURES / CLEANING

bonding temperature	> 400°C
water solubility	insoluble
composition	100% polyester fibers (polyethylene terephthalate), with up to 75% recycled content
physical hazards	Polyester fiber-based product is chemically stable and resistant to oils, solvents, weak acids, and weak bases. EcoPET products are formaldehyde-free according to EN 717-1:2004 and comply with RoHS and REACH directives.
health hazards	EcoPET generally does not pose a risk to the eyes or skin, even in case of ingestion or inhalation, due to its physical structure. The product is non-irritating and poses no health risks during manufacturing, handling, or use.
first aid	The product is non-toxic. If a significant amount is swallowed, administer water and induce vomiting. Burns from molten material require medical treatment and care.
material handling safety	No special storage or transport conditions are required, except for those described on the previous pages. Keep EcoPET material/products in a dry place. General occupational health and safety (OHS) principles are recommended.
disposal	At the end of its lifecycle, uncontaminated EcoPET should be recycled. Unless prohibited by regulations, it may be disposed of in municipal waste or incinerated.
attention	Precautions should be taken against electrostatic discharge.
product cleaning:	To remove dirt, it is recommended to use standard lint rollers. Most marks on EcoPET can be cleaned with a mild detergent solution, then rinsed and dried. Avoid excessive scrubbing; stains should only be spot-cleaned. Do not use a stiff brush when vacuuming. EcoPET can be disinfected using isopropanol (isopropyl alcohol) or ethanol diluted to 70% with water. Disinfectants containing quaternary ammonium compounds may also be effective.