



BAKELITE
SYNTHETICS

Phenolic & Amino Resins

BAKELITE® Insulation

BAKELITE SYNTHETICS phenolic resins are among the preferred binders for glass wool, stone wool and slag wool used in thermal and acoustical insulation for construction, as well as for insulation for industrial applications and appliances. Our product line includes inorganic catalyzed resoles as well as self-reacting organic catalyzed resoles for improved storage stability and resoles manufactured with renewable raw materials.

Mineral wool manufacturers choose our products because our materials can impart important mechanical properties, such as:

- Softness
- Shape recovery
- Moisture resistance
- Fire resistance
Optimization of Bakelite resin grades with our customers' manufacturing processes help the resulting products meet the most demanding building materials regulations for indoor VOC emissions:
- Decorative High-Pressure

Laminates: phenolic and melamine resins for standard, compact, postforming and continuous pressure laminates

- Decorative Low-Pressure Laminates: melamine and urea resins for composite wood panel and plywood surface lamination
- Reduce process emissions OLV (occupational limit values) during mineral wool manufacturing
- Reduce the process emissions stack
- Comply with the French A+ regulation for building material emissions



Next Generation Synthetics



Learn more about the vision, products and history of bakelite on our website

bakelite.com

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