

English Summary - Utility Model BG 4604 U1

Composite Material for Vulcanizate with Increased Abrasion Resistance and Elasticity

Important: This document is an English-language summary prepared for international business communication. It is not an official translation and does not replace the original Bulgarian utility model documentation.

Bibliographic information

Owner	MARIO 10 ZKU EOOD
Inventor	Krasimir Kamenov Kamenov
Registration	BG 4604 U1
Application	No. 5901
Application date	27 November 2023
Term shown in the certificate	Until 27 November 2027
Issuing authority	Patent Office of the Republic of Bulgaria

Technical overview

The utility model concerns an engineered elastomer composite intended for vulcanized rubber products where increased abrasion resistance is required while maintaining useful elasticity. The original documentation includes a technical description of the composition, manufacturing approach, possible applications and claims.

Key points from the original document

- The development is positioned around the combined performance of abrasion resistance and elasticity.
- The documentation describes the use of reinforcing components within an elastomer system.
- The registered right supports Mario 10's positioning as a manufacturer with its own material-development capability, not only a contract moulder.

Use on the Mario 10 website

Recommended website wording: "Registered Bulgarian utility model for an engineered elastomer composite developed to improve abrasion resistance while maintaining the required level of elasticity."