



# MIC434

Material Datasheet

## Material Description & Properties

**MIC434** is produced with thermoplastic elastomer and low-density cork granules. It is specially designed for the automotive industry, where impact resistance and sustainability are desired.

### Product Specification

The values present on this section are only indicative and can change according to the customer process, equipment and operation condition used.

Norm	Property	MIC
NA	Base Materials	TPE   Cork
NA	Cork Particle Size (mm)	0,5 - 1
NA	Appearance - Color	Beige
Based on DIN EN ISO 1183-1 (A)	Density (kg/m³)	913*
DIN 53505-A	Hardness (shore A)	(65 - 70)*
ISO 527-2	Tensile Strength (MPa) @ + 23°C	3,5*
ISO 527-2	Elongation at Break (%) @ + 23°C	287*

\* Typical values

The data provided in this Material Datasheet represents typical values. This information is not intended to be used as a purchasing specification and does not imply suitability for use in a specific application. Failure to select the proper sealing product may result in either product damage or personal injury. Please contact Amorim Cork Solutions regarding recommendations for specific applications. Amorim Cork Solutions expressly disclaims all warranties, including any implied warranties or merchantability or of fitness for a particular purpose. Amorim Cork Solutions is not liable for any indirect, special, incidental, consequential, or punitive damages as a result of using the information listed in this material data sheet, any of its brochures, its products or any future use or re-use of them by any person or entity. For contractual purposes, please request our Product Specifications Sheet (PDA).