

ACM 70-compound 335004 - Technical Data Sheet

1. Introduction

The ERIKS ACM 70 335004 compound is made of Polyacrylic rubber, designed for use in the automotive industry. In conformity with BMW Norm 5662.BMW N 602.00.0.

2. Product Description

Chemical Composition :	Polyacrylic Rubber
Physical form :	O-Rings / Mouldings
Colour :	Black
Storage stability * :	± 7 years

* : Following ISO 2230 conditions

3. Physical Properties

Test Method	Norm	Test Values
Hardness	ISO 868	70° ± 5° IRHD
Specific Weight	ISO 2781	1,31
Tensile Strength at break	ISO 37	11,2 MPa
Elongation at break	ISO 37	193%
Tear resistance	ISO 34-1	27 N/mm
Modul 100%	ISO 37	5,6 N/mm ²
Compression Set	ISO 815	
22h/150°C		24,6%
70h/150°C		36%
Heat Ageing, 70h/150°C	ISO 188	
Hardness Change		+4,4%
Volume Change		-5,07%
Immersion in ASTM oil n°1, 70h/150°C	ISO 1817	
Volume Change		-3%
Immersion in ASTM oil n°2, 70h/150°C	ISO 1817	
Volume Change		+2,5%
Immersion in ASTM oil n°3, 70h/150°C	ISO 1817	
Volume Change		+12,6%

4. Temperature Resistance

- -10° to +150°C

5. Chemical Resistance

Air	: very good
Alcohol	: unsatisfactory
Alkali	: good
Hydrocarbons	: very good
Esters	: unsatisfactory
Acids	: fair
Oils	: very good
Water	: unsatisfactory
Steam	: unsatisfactory

6. Advantages

- Low compression set
- In conformity with 5662 BMW N 602.00.0

This information is, to the best of our knowledge, accurate and reliable to the date indicated. The above mentioned data have been obtained by tests we consider as reliable. We don't assure that the same results can be obtained in other laboratories, using different conditions by the preparation and evaluation of the samples.