ACM 70-compound 335005 - Technical Data Sheet

1. Introduction

The ERIKS ACM 70 335005 compound is made of Polyacrylic rubber, resistant to motoroils with new generation additives, very good performance in extreme heat and diesel-applications. Perfect resistance to ozone and weathering.

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 48 Method M	70° ± 5° IRHD
Tensile Strength at break	ISO 37	10,5 MPa
Elongation at break	ISO 37	205%
Compression Set 22h/100°C, on slab	ISO 2781	11%
Heat Ageing, 70h/150°C	ISO 188	
Hardness Change		+4%
Tensile Strength Change		0%
Elongation Change		-27%
Immersion in ASTM oil n°2, 70h/150°C	ISO 1817	
Hardness Change		+5°
Volume Change		+6,7%
Tensile Strength Change		-6%
Elongation Change		-3%

4. Temperature Resistance

- -10° to +150°C
- TR10 low temperature test: -12°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

- Perfect resistance to ozone and weathering.
- Perfect resistance to motor oils.