

Material data sheet

FFKM **chemfit** K36

Description: This black material provides excellent temperature resistance up to 330°C and has similar chemical resistance to that of PTFE, but with elastomeric properties comparable to standard fluorocarbon rubbers. This material has been developed for performance at constant elevated temperatures. This material is not suitable for high temperature water and steam applications. Service temperatures -15°C to 330°C.

colour	black	Curing system	triazine
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Typical physical properties:

Property	Typical values	Test Standard
Hardness (°IRHD)	78	ISO 48
Tensile Strength (MPa)	15,5	ISO 37
Modulus @ 100% (MPa)	13,5	ISO 37
Elongation @ Break (%)	130	ISO 37
Tear Strength (N/mm)	11,4	ISO 34
Specific Gravity (g/cm ³)	2,03	ISO 2781
Compression Set Value in Air, 25% Strain, 24 Hrs, 204°C (%)	12,5	ISO 815

The properties given on this data sheet is derived from test carried out by meweo and / or its connected suppliers. They should not be regarded as specifications, but only as typical properties of the material described. It is intended for use by persons having technical skills and understanding of the seal and gasket design. Since the conditions of the use are outside our control, nor have we designed the product shape, we can make no warranties, express or implied and assume no liability in connection with any use of this information

Chemical resistance:

Chemical Group	Rating	Chemical Group	Rating	Chemical Group	Rating
Aromatics/Aliphatic oils	1	Amines	1	Propylene Oxide	1
Acids	1	Ethers	1	Steam	4
Alkalis	1	Ethylene Oxide	1	Hotwater	4
Alcohols	1	Esters	1	Strong Oxidisers	1
Aldehydes	1	Ketones	1		

1 = suitable, little or no effect; 2 = minor or moderate effect, not maximum resistance; 3 = moderate to severe effect – may be useful in some limited applications 4 = unsuitable and not recommended – severe effect

For further information please contact meweo.

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