

Material data sheet

FFKM **chemfit** K62

Description: This black material has been developed for use in the chemical processing industry, and more specifically, for a range of potent active pharmaceutical ingredients and aggressive cleaning agents. It is especially suited to withstand steam-in-place and clean-in-place procedures. Chemfit K62 is designed to meet the requirements of FDA regulations and intended for repeated use in food processing equipment and contact with food. Service temperatures -15°C to 260°C

colour	black	Curing system
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Typical physical properties:

Property	Typical values	Test Standard
Hardness (°IRHD)	78	ISO 48
Tensile Strength (MPa)	13,5	ISO 37
Modulus @ 100% (MPa)	9,4	ISO 37
Elongation @ Break (%)	132	ISO 37
Tear Strength (N/mm)	22,3	ISO 34
Specific Gravity (g/cm ³)	2,01	ISO 2781
Compression Set Value in Air, 25% Strain, 24 Hrs, 204°C (%)	19,1	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	1
Alkalis	1	Ethylene Oxide	1	Hotwater	1
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

Approvals & Certificates:

FDA in compliance with Nr. 177.2600 for food contact

EG 1935/2004

ADI free - This material is free of animal derived ingredients

For further information please contact meweo

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