

Z031

FFKM EZTRA® 75 Black

CHEMICAL RESISTANCE ESPECIALLY FOR HOT AMINES

EZTRA®031 is a new chemical resistant FFKM, it offers the widest range of aggressive media sealing capabilities along with excellent compression set.

It is suitable for the most applications in temperature ranging from -20°C to +275°C, based on the maximum exposure limit and offers exceptional resistance to: hot organic and inorganic acids, caustics, Amines especially hot amine, temperature higher than 100°C, ketones, aldehydes, esters, ethers, alcohols, fuels, solvents, sour gases, hydrocarbons, steam and hot Water, ethylene and propylene oxid.

PLUS

Moreover it can cope with a wide range of active pharmaceutical ingredients API's and aggressive cleaning agent suited to withstand steam in place (SIP) and clean in place (CIP) procedures. Material suitable in a wide range of industrial sectors.

APPLICATIONS

MECHANICAL SEALS	PUMP HOUSING	COUPLING/FITTINGS
SPRAYERS/DISPENSER	REACTORS	VALVES

GENERAL CHARACTERISTICS

General applications:	Aggressive Chemical Environments
Colour:	Black
Temperature Range:	From -20°C to +275°C

PHISICAL AND MECHANICAL PROPRIETIES

Density	DIN 53479	g/cm ³	1.93 ± 0.03
Hardness	DIN 53505	m-IRHD	75 ± 5
Tensile Strength	DIN 53504 S2	MPa	>13
Elongation	DIN 53504 S2	%	>150

LOW TEMPERATURE RESISTANCE

TR10	ASTM D1329	°C	<0
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FROM **EZTRA** SMALL TO **EZTRA** LARGE
O-Rings Diameter from 1.00 mm to infinity... AND NOT ONLY

PRODUCTS

O-RINGS	CORD
TECHNICAL PARTS	

CHEMICAL RESISTANCE

Aldehydes	A1
Alcohols	A1
Alkalis	A1
Amines (RT)	A1
Esters	A1
Ethers	A1
Hot Amines	A1
Hydrocarbons	A1
Inorganic Acids	A1
Ketones	A1
Organic Acids	A1
Strong Oxidezers	A1
Sour Gas	A1
Water/Steam	A1
Florinated Fluids	A2

COMPRESSION SET TESTS

70h@200°C	ISO 815-1	<20%
200h@200°C	ISO 815-1	<35%

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