

Z040

FFKM EZTRA® 75 Black CH-20

CHEMICAL AGGRESSION RESISTANCE UNIVERSAL BLACK COMPOUND WITH BROADEST TEMPERATURE RANGE

EZTRA®040 can provide **un matched strength characteristics**. The chemical aggression resistance series offers the highest level of protection against O-Ring degradation due to chemical and physical factors, the best compromise between high temperature resistance and exceptional performance in chemically aggressive environments.

It is suitable for applications in temperature ranging on static applications from -30°C to +260°C, based on the maximum exposure limit and offers exceptional resistance to: aggressive media such as hot organic and inorganic acids, caustics, ketones, aldehydes, esters, ethers, alcohols, fuels, solvents, sour gases, hydrocarbons, steam, hot water, ethylene and propylene oxide and mixed process streams.

PLUS

FROM **EZTRA** SMALL TO **EZTRA** LARGE
O-Rings Diameter from 1.00 mm to infinity... AND NOT ONLY

Material developed to guarantee in comparison our "Universal black compound "more broadest" temperature range, especially, on the low temperature.

APPLICATIONS

MECHANICAL SEALS	SPRAYER/DISPENSERS	REACTORS
COUPLING/FITTINGS	PUMP HOUSING	

GENERAL CHARACTERISTICS

General applications:	All Chemicals
Colour:	Black
Temperature Range:	From -30°C to +260°C

PHISICAL AND MECHANICAL PROPRIETIES

Density	DIN EN ISO 1181-1A	g/cm ³	1.97 ± 0.03
Hardness	DIN EN ISO 868	m-IRHD	75 ± 5
Tensile Strength	DIN 53504 S2	MPa	>13
Elongation	DIN 53504 S2	%	>100

LOW TEMPERATURE RESISTANCE

TG	°C	<-20
----	----	------

PRODUCTS

O-RINGS	CORD
TECHNICAL PARTS	

CHEMICAL RESISTANCE

Aldehydes	A1
Alcohols	A1
Alkalis	A1
Amines (RT)	A1
Esters	A1
Ethers	A1
Hot Amines	A3
Hydrocarbons	A1
Inorganic Acids	A1
Ketones	A1
Organic Acids	A1
Strong Oxidezers	A2
Sour Gas	A2
Water/Steam	A1
Florinated Fluids	A3

COMPRESSION SET TESTS

48h@200°C	ISO 815-1	<30%
72h@225°C	ISO 815-1	<40%

The properties and recommendations given on this data sheet are based on our experience and testes based on the best of our knowledge true and accurate carried out by OringOne. They should not be regarded as specifications but only as a typical properties of the material describe. They are intended for use by persons having technical skill and their own discretion and risk; Since the conditions of use are outside our control, nor have we designed the product shape, we can make warranties, express or implied and assume no liability in connection with any use of this information. Nothing herein shall be construed as a recommendation to infringe any patent or violate law.