

Technical Data Sheet

FKM Rubber (WCMV90)

CHEMICAL DESCRIPTION: Vinylidene Fluoride-Hexafluoropropylene-co-polymer, FPM

PHYSICAL PROPERTIES

TENSILE STRENGTH:	≥7.0 (MPa)
SPECIFIC GRAVITY:	1.90
ELONGATION AT BREAK:	≥200%
TEAR RESISTANCE:	23 KN/mm
HARDNESS RANGE:	75° Sh. A (+ or - 5°)
TEMPERATURE RANGE:	-20° - +220° C
OZONE RESISTANCE:	Excellent
ELONGATION:	160%
COMPRESSION SET:	40% Max
	24 Hrs @ 200° C



CHEMICAL RESISTANCE

WATER:	Excellent
ACIDS:	Excellent
ALKALIS:	Good
OILS:	Excellent
FUELS AND PETROLEUM SOLVENTS:	Excellent - Limited Resistance to Biofuels
KETONES:	Poor

This is a high priced speciality polymer. It is used almost exclusively where resistance to very high temperature is required and where resistance to petroleum and chlorinated solvents is necessary although care should be taken when using with Biofuels.

ELASTOMERS



Certificate Number: 14352
ISO 9001



Care should be taken in selecting the most suitable quality for each application. Advice is available, but final responsibility remains with the customer.

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