

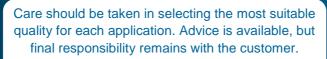
Technical Data Sheet

Fluoroelastomer copolymer(WCMFKM1)

	CHEMICAL DESCRIPTION:	Type 1 FKM are fluorocarbon copolymers based on vinylidene fluoride and hexapropylene fluoride.
	PROPERTIES	
\bigcirc	ASTM classification:	FKM Type 1
O	Typical applications:	General purpose seals for aerospace fuel and automotive applications (N.B. limited resistance to biofuels)
OMP	Advantages:	Excellent high temperature resistance Good resistance to oils and most non-polar solvents Excellent ozone and weathering resistance
NDOG	Disadvantages:	Limited steam resistance Poor resistance to methanol Poor low temperature performance
	Available hardness range (Sh. A):	50 - 95
	Upper continuous service temp. (℃):	240
	Min. temp. for sealing applications. (℃):	-15
	Minimum non-brittle temp. (℃):	-20
	Tensile strength (up to):	20 MPa
	Elongation at break (up to):	300%

N.B. With all compounds, differing hardness's can affect final properties of the mix.









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