

## QFLT low temperature resistant fluorine rubber series

### Product Description:

QFLT 2 series fluororubber content is 66%, bisphenol vulcanized, low temperature resistant fluororubber. Terpolymer of perfluoropropylene (HFP), vinylidene fluoride (VDF) and PMVE.

The fluorine content of QFLT 3 series fluororubber is 66%, peroxide vulcanized, low temperature resistant fluororubber. It is an elastomer formed by copolymerization of vinylidene fluoride (VDF), tetrafluoroethylene (TFE), PMVE and vulcanization point monomer (CSM).

### Technical Indicators

Item	Properties	QFLT220	QFLT240	QFLT340	QFLT330	QFLT350
Raw Gum und Curing Gum	Density, g/cm <sup>3</sup>	1.80	1.80	1.79	1.79	1.79
	Mooney viscosity ML 1+10@121°C	18±2	40±2	40±2	25±2	50±2
	Tensile Strength (ASTM D412), Mpa	14	15	15	15	16
	Elongation (ASTM D412), %	200	220	310	300	320
	Hardness (ASTM D2240), Shore A	75	75	79	79	80
	Compression Rate, 70h @ 200°C, %	20	20	45	45	46
	TR10,°C	-21	-21	-30	-30	-30

Note: The above data are typical data.

### Main performance introduction

In addition to the excellent properties of ordinary fluororubbers, such as high temperature resistance, oil resistance and liquid resistance, QFLT products also have superior low temperature resistance.

### The main application

QFLT 2 series can be applied to low temperature resistant products with general requirements, QFLT 3 series low temperature resistant compound is recommended for static and dynamic sealing O-rings, lip seals, moldings, diaphragms, extruded products.

### Packaging and storage

This product is packed in a polyethylene bag with a net weight of 5kg per bag, and put into a cardboard box with a net weight of 25kg per box.

This product is transported as non-dangerous goods, avoiding sun and rain.

This product should be stored in a cool and dry environment. The storage period of this product is two years from the date of production. After the storage period, it can be re-inspected. If it meets the requirements, it can still be used.