

杜邦vt高氟半氟橡胶密封O型圈O型环

产品名称	杜邦vt高氟半氟橡胶密封O型圈O型环
公司名称	上海润狮实业有限公司
价格	面议
规格参数	
公司地址	上海市奉贤区川南奉公路9450号
联系电话	86-02137588159 18217000597

产品详情

viton® a: (vinylidene fluoride and hexafluoropropylene) viton® a is a family of fluoroelastomer dipolymers, that is they are polymerized from two monomers, vinylidene fluoride (vf2) and hexafluoropropylene (hfp). viton® a fluoroelastomers are general purpose types that are suited for general molded goods such as o-rings and v-rings, gaskets, and other simple and complex shapes. there is a full range of viton® a grades that accommodate various manufacturing processes including transfer and injection molding, extrusion, compression molding, and calendaring.

viton® b: (vinylidene, hexafluoropropylene and tetrafluoroethylene) viton® b is a grade of fluoroelastomer terpolymers, that is they are polymerized from three monomers, vinylidene (vf2), hexafluoropropylene (hfp), and tetrafluoroethylene (tfe). viton® b fluoroelastomers offer better fluid resistance than a type fluoroelastomer. there is a full range of viton® b grades that accommodate a variety of manufacturing processes including injection and compression molding, extrusion, and calendaring.

viton® f: viton® f is a grade of fluoroelastomer terpolymers, that is they are polymerized from three monomers, vinyl fluoride (vf2), hexafluoropropylene (hfp), and tetrafluoroethylene (tfe). viton® f fluoroelastomers offer the best fluid resistance of all viton® types. f types are particularly useful in applications requiring resistance to fuel permeation. there is a range of viton® f grades to accommodate various manufacturing requirements.

high performance grade: viton® gb, gbl: viton® gb and gbl are grades of fluoroelastomer terpolymers, that is they are polymerized from three monomers, vinyl fluoride (vf2), hexafluoropropylene (hfp), and tetrafluoroethylene (tfe). viton® gb and gbl use peroxide cure chemistry that result in superior resistance to steam, acid, and aggressive engine oils. there is full range of gb and gbl types that can accommodate most rubber processing requirements including compression, injection and transfer molding, extrusion, and calendaring.

viton® glt: viton® glt is a fluoroelastomer designed to retain the high heat and the chem

ical resistance of general use grades of viton® fluoroelastomer, while improving the low temperature flexibility of the material. glass transition temperatures (tg) of materials are indicative of low temperature performance in typical elastomer applications. viton® glt shows an 8 to 12 ° c lower tg than general use viton® grades. there is a range of glt products to accommodate various processing conditions.

viton® gflt: viton® gflt is a fluoroelastomer designed to retain the high heat and the superior chemical resistance of the high performance types, while improving the low temperature performance of the material. viton® gflt shows a 6 to 10 ° c lower tg than general use viton® grades. there is a range of gflt products to accommodate various processing conditions.

viton® extreme: viton® fluoroelastomers have been used for the most demanding applications for half of a century. but even the best products can have a weakness, and for fluoroelastomers the weak link has been chemical, specifically in long-term performance in strong bases. high ph chemicals can attack traditional vf2-containing fluoroelastomers (astm d1418 designation fkm), causing premature seal degradation. corrosion inhibitors, designed to protect metal components, introduce bases to counteract the long-term effects of acid build-up. likewise, chemicals used to clean or purge industrial and food processing equipment are often basic in nature. the presence of aggressive basic chemicals, no matter where they are used, poses unique challenges for conventional fluoroelastomer seals. fortunately for o-ring and seal designers, viton® extreme™ fluoroelastomers can take on this challenge.

viton® extreme™tbr and etp combine the excellent thermal resistance of viton® fluoroelastomers with unique resistance to chemicals for environments that have historically exceeded the capabilities of conventional fluoroelastomers. this class of fluoroelastomer, designated as fepms by astm d1418, is the choice for high ph environments. originally developed by the duPont company in the 1970s, fepm polymers exhibit excellent resistance to base attack but have had limited acceptance due to poor processing characteristics. fortunately, dupont performance elastomers proprietary advanced polymer architecture (apa) technology expands the range of performance enabled by specialty types of viton®. the significant processing improvements, along with equal or better end-use properties, allow specifiers to confidently select parts made from viton® extreme™ polymers for specific applications.

viton® extreme™ products provide:

- overall fluids resistance
- exceptional base resistance
- exceptional processing advantages versus existing tfe/propylene polymers

viton® made with advanced polymer architecture improves performance and processing of specialty types ("s" suffix denotes apa polymers)

viton® extreme™ tbr-s viton® extreme™ tbr-605cs is a totally base-resistant viton® polymer that utilizes apa technology and a revolutionary bisphenol cure site for an improved tfe/propylene copolymer.

viton® extreme™ tbr-605cs provides:

- inherent resistance to caustics/amines
- good resistance to hydrocarbon oils, acids, and steam
- superior compression set resistance and lower volume swell for longer seal life and wear resistance

- superior processing versus other tfe/propylene polymers

viton® extreme™ tbr-605cs viton® extreme™ tbr-605cs is suggested for use in oil and gas exploration, chemical processing, utilities, automotive and heavy duty/off-highway markets. due to its chemical structure, tbr-605cs, like all tfe/propylene products, is not recommended for sealing in automotive or aircraft fuels.

in addition to superior processing, viton® extreme™ products provide improved end-use performance versus tfe/propylene polymers.

viton® extreme™ etp-s viton® extreme™ etp-600s made with apa technology is an upgrade to etp-900 that significantly improves the processing and end-use performance, while maintaining the excellent fluid resistance of its predecessor.

viton® extreme™ etp-600s provides:

- excellent resistance to acid, hydrocarbon and low molecular weight esters, ketones and aldehydes
- inherent resistance to base attack and volume changes in highly caustic solutions, amines and hot water
- low-temperature flexibility (tg – 10 ° c)
- improved compression set and physical properties for improved seal performance
- improved mold flow, faster cure rates, and improvements in mold release and mold fouling for efficient manufacturing

because viton® extreme™ etp-600s has very low swell in hydrocarbons, etp-600s provides exceptional service in automotive oil seals and oil field applications, as well as in automotive and aircraft fuels.

while officially classified as an fepm by astm d1418, the performance characteristics of viton® extreme™ etp-600s combine the best characteristics of an fepm and a specialty type viton®. in complicated environments and chemically aggressive applications where standard fkm or fepms are not an option, etp-600s is the fluoroelastomer of choice. viton® extreme™ etp-600s truly is the best of both worlds.