

## 兼具性能與經濟的密封夥伴 Economical sealing partner with properties

- Chita™ FKM為一種分子聚合物彈性體。FKM氟橡膠為全合成之橡膠，與其他傳統橡膠材料相較，氟化橡膠在物理特性上具有較高之拉伸強度及結構強度，同時具備了耐高溫，靜態密封可使用在攝氏220°C嚴苛環境下長時間維持氣密。

Chita™ is a compound of high molecule elastomer materials. FKM is a full synthetic rubber. Compared with other traditional materials, it owns higher tensile strength and structure strength in physical properties. In the meanwhile, it owns great thermal resistance and remains great sealing performance in a continuous 200°C environment.



### 特性與優點 FEATURE

高真空環境擁有良好的密封性能  
Great sealing capability in vacuum environment

良好的物理特性  
Good physical properties

常見一般化學環境下仍能保持優異的氣密性  
Excellent gas tightness maintenance

### 典型物理特性 PROPERTY

硬度(Shore A)	75
顏色(Color)	Black
模數(Flexural Modulus , Mpa)	6
拉伸強度(Tensile strength at Break, Mpa)	10
延伸率(Elongation at Break, %)	150
最高連續使用溫度(Temp. ,°C)	250

### 建議應用位置 APPLIED POSITION

反應槽密封件(Chamber Seals)

管線接頭密封件(Fitting Seals)

閥件密封件(Valve Seals)

閥門開關(Slit valve doors)

氣體管線密封件(Gas Inlet/Outlet Pumping Line Seals)

### 建議應用製程 APPLIED PROCESS

乾式蝕刻(Dry Etch)

濕式蝕刻(Wet Etch Acid,Base)

擴散(Diffusion)

離子植入(Ion Implant)

快速回火(RTP)

濕式去光阻(Wet Stripping Solvents)

濕式清潔(Wet Cleaning UPDI)

化學氣象沉積(CVD,PVD,Sputter)