

## DuPont Performance Polymers Kalrez® W230 Fluoroelastomer

Category : Polymer , Thermoset , Fluoropolymer, TS , Thermoset Fluoroelastomer , Rubber or Thermoset Elastomer (TSE)

### Material Notes:

DuPont™ Kalrez® W230 perfluoroelastomer parts are a black product for PV wet and select dry manufacturing processes requiring a wide range of chemical resistance. W230 provides an excellent combination of properties (resistance to acids/bases) and is the product of choice for wet PV processes as an upgrade from standard elastomers. A maximum continuous service temperature of 230°C is suggested.

Features/Benefits Improved resistance / low volume swell in a wide range of wet chemistries (acids/bases) Improved ozonated DI water resistance Improved ozone and ammonia gas resistance Low metals content Improved resistance to a wide range of plasmas Suggested

Applications Wet etch tools Roller applications for wet inline tools Wet chemical management systems MOCVD and other select dry processes

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_DuPont-Performance-Polymers-Kalrez-W230-Fluoroelastomer.php](http://www.lookpolymers.com/polymer_DuPont-Performance-Polymers-Kalrez-W230-Fluoroelastomer.php)

Mechanical Properties	Metric	English	Comments
Hardness, Shore M	82	82	ASTM D1414, ASTM D2240
Tensile Strength at Break	15.71 MPa	2279 psi	ASTM D1414, ASTM D412
Elongation at Break	145 %	145 %	ASTM D1414, ASTM D412
100% Modulus	0.00766 GPa	1.11 ksi	ASTM D1414, ASTM D412
Compression Set	21 % @Temperature 204 °C, Time 252000 sec	21 % @Temperature 399 °F, Time 70.0 hour	O-rings; ASTM D1414 and ASTM D395B

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	230 °C	446 °F	DuPont Test Method

Descriptive Properties	Value	Comments
Color	Black	

## Contact Songhan Plastic Technology Co.,Ltd.

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