



# DuPont™ Kalrez® Spectrum™ 7375

High Temperature Broad Chemical & Water/Steam Resistance

Product Datasheet - December 2019

## Product Description

DuPont™ Kalrez® Spectrum™ 7375 perfluoroelastomer parts are an innovative FFKM product based on a patented crosslinking system for chemical process industry applications where broad chemical and water/steam resistance are needed at elevated temperatures. Kalrez® Spectrum™ 7375 parts exhibit excellent compression set resistance, outstanding physical property retention, and good mechanical strength properties. A maximum application temperature of 300 °C is suggested.

TABLE 1: Typical Physical Properties<sup>1</sup>

Color	Black
Hardness, Shore A <sup>2</sup>	79
100% Modulus <sup>3</sup> , MPa (psi)	10.2 (1473)
Tensile Strength at Break <sup>3</sup> , MPa (psi)	16.9 (2447)
Elongation at Break <sup>3</sup> , %	128
Compression Set <sup>4</sup> , %, 70 hrs. at 204 °C (400 °F)	9
Compression Set <sup>4</sup> , %, 70 hrs. at 260 °C (500 °F)	15
Maximum Application Temperature <sup>5</sup> , °C (°F)	300 (572)

<sup>1</sup> Not to be used for specification purposes

<sup>2</sup> ASTM D2240 (plied slab test specimens)

<sup>3</sup> ASTM D412 (dumbbell test specimens)

<sup>4</sup> ASTM D395B (AS568 K214 O-ring test specimens)

<sup>5</sup> DuPont proprietary test method

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