



# DuPont™ Kalrez® 1050LF

Legacy General Purpose

Technical Information - Rev. 1, July 2019

## Product Description

DuPont™ Kalrez® 1050LF perfluoroelastomer parts are a general-purpose product for O-rings, seals, and other parts used in chemical process industries. It has good hot water/steam resistance, excellent amine resistance, and good compression set properties. The maximum suggested service temperature is 288°C (550°F). It is not recommended for use in organic or inorganic acids at high temperatures.

## Typical Physical Properties<sup>1</sup>

Color	Black
Hardness <sup>2</sup> , Shore A	82
100% Modulus <sup>3</sup> , MPa (psi)	12.40 (1799)
Tensile Strength at Break <sup>3</sup> , MPa (psi)	18.60 (2698)
Elongation at Break <sup>3</sup> , %	125
Compression Set <sup>4</sup> , % 70 hr at 204 °C (400 °F)	20
Maximum Service Temperature <sup>5</sup> , °C (°F)	288 (550)
Lowest Service Temperature <sup>5</sup> , °C (°F)	-21 (-6)

<sup>1</sup> Not to be used for specifications

<sup>2</sup> ASTM D2240 (Pellet test specimens)

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

<sup>4</sup> ASTM D395B, (Pellet test specimens)

<sup>5</sup> DuPont proprietary test method; performance will vary with seal design and application specifics

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