

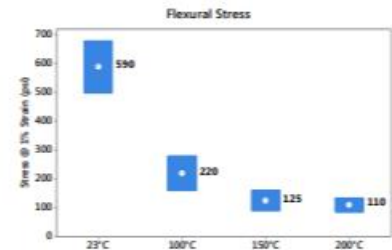
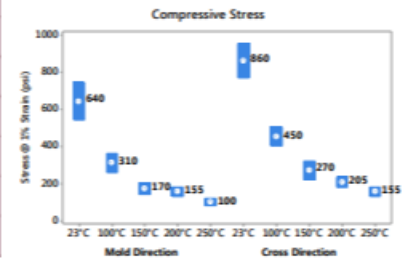
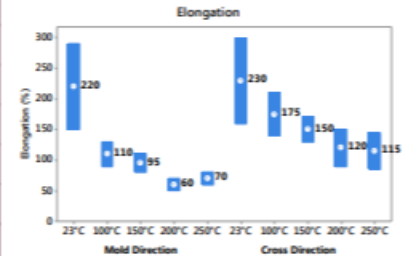
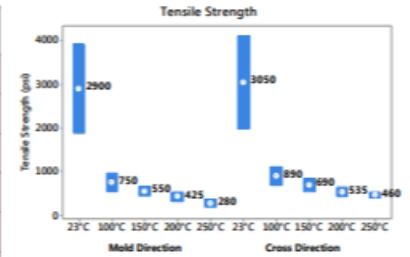
**Features:**

- Color: Black
- FDA and USDA compliant
- Excellent heat and chemical resistance

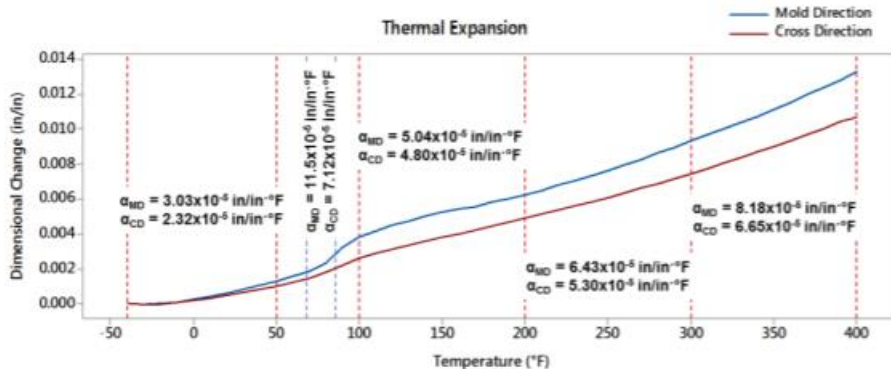
**Benefits:**

- Recommended for moderate to low speed service running against soft or hard metals
- Working Temperature Range: -268° to +315°C [-450° to +600°F]

	Property	Test Method	Typical Value	Unit
PHYSICAL	Specific Gravity	ASTM D792	2.12	--
	Hardness	ASTM D2240	57 – 67	Shore D
	Water Absorption, 24h	ASTM D570	0	%
MECHANICAL	Tensile Strength	ASTM D4894	21.0 [3,050]	MPa [psi]
	Elongation	ASTM D4894	230	%
	Tensile Modulus	ASTM D4894	0.17 [0.25]	GPa [psi x 10 <sup>9</sup> ]
	Compressive Stress @ 1% Strain	ASTM D695	5.9 [860]	MPa [psi]
	Compressive Modulus	ASTM D695	0.52 [0.75]	GPa [psi x 10 <sup>9</sup> ]
	Flexural Stress @ 1% Strain	ASTM D790	4.0 [590]	MPa [psi]
	Flexural Modulus	ASTM D790	0.34 [0.50]	GPa [psi x 10 <sup>9</sup> ]
THERMAL	Deformation under load, 2000 psi & RT	ASTM D621	2.5	%
	Thermal Conductivity	ASTM D435	0.66 [4.6]	W/m · °C [BTU · in/hr · ft <sup>2</sup> · °F]
TRIBO	Flammability	ASTM D635	Non-flammable	m/s [in/min]
	Coefficient of Friction	-	0.10 – 0.30	-
OPERATING LIMITS MATING SURFACE	Maximum Pressure	-	6.9 [1,000]	MPa [psi]
	Maximum Velocity (no pressure)	-	2 [400]	m/s [ft/min]
	Maximum PV	-	0.35 [10,000]	MPa x m/s [psi x ft/min]
	Rockwell / Brinnell Scale	-	Rb25 / 64	Minimum



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The table above represents typical values at room temperature for compression molded Rulon®, unless otherwise specified, intended for reference only. They should NOT be used as a basis for design specifications or quality control Rulon® is a registered trademark. © 2018 Saint-Gobain Performance Plastics, Seals