

MATERIAL DATASHEET

RULON® 957

Features: Speckled green, Excellent performance on coated metals, particularly porcelain

Benefits: Noise dampening and abrasion resistance

Working Temperature Range:
-240°to +288°C [-400°to +550°F]

Properties	Test Methods	Typical Values	Units
PHYSICAL			
Specific Gravity	ASTM D792	1.96	--
Water Absorption, 24hr	ASTM D570	0	%
Hardness	ASTM D2240	55 - 65	Shore D
MECHANICAL			
Tensile Strength	ASTM D4894	15.2 [2,200]	MPa [psi]
Elongation	ASTM D4894	230	%
Deformation under load, 1500 psi & RT	ASTM D621	0.7	%
Flexural Stress @ 1% Strain	ASTM D790	6.6 [950]	MPa [psi]
Compressive Stress @ 1% Strain	ASTM D695	7.1 [1025]	MPa [psi]
THERMAL			
Flammability	ASTM D635	Non-flammable	m/s [in/min]
TRIBOLOGICAL			
Coefficient of Friction	ASTM D3702	0.15 - 0.30	-
ELECTRICAL			
Dielectric Strength (2.5 mm [0.010"] thick)	ASTM D149		MV/m [V/mil]
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

1. All testing is performed at room temperature unless otherwise specified.

The table above represents typical values, intended for reference only. They should NOT be used as a basis for design specifications or quality control. Rulon® is a registered trademark. © 2024 Omniseal Solutions.