



Fluoraz[®] SD890 Sealing Solutions

Compound No./Material Name:	Rubber Classification:	Service Temperature Range:	Color:
Fluoraz [®] SD890	(ASTM D1418): FEPM	-5°C to 232°C (23°F to 450°F)	Black

Description	Typical
Original Properties (ASTM Standard)	
Specific Gravity (D297)	1.65
Hardness, Shore A, Points (D2240)	80
Tensile Strength @ Break, psi [MPa] (D412)	2600 [17.9]
Elongation, % (D412)	175
Modulus @ 100% Elongation, psi [MPa] (D412)	1700 [11.7]
Modulus @ 50% Elongation, psi [MPa] (D412)	850 [5.9]
Compression Set @ 25% Deflection (ASTM Standard)	
70 Hours @ 392°F [200°C], In Air, % Of Original Deflection, % (D395, B)	30

Notes:

1. Unless otherwise noted, all tests performed on ASTM slabs and buttons.
2. FDA compliant per FCN 000246.
3. Meets the extractive limitations as prescribed in 21CFR177.2600 (e) and (f), and 21CFR177.2400 (d) (2).
4. USP Class VI compliant.
5. Compliant with 3-A Sanitary Standards for a Class 1 rubber.
6. See Statement of Compliance for details to Notes 2, 3, 4, and 5.
7. Compound 890 has been tested and found to be compliant with the requirements of the Japanese Ministry of Health and Welfare Notification No. 370, 1959, Category: for use over 100°C.

Contact Us

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