



Xyfluor[®] 870 Sealing Solutions

Compound No./Material Name: Xyfluor[®] 870	Service Temperature Range: -76°F to 450°F (-60°C to 232°C)	Color: Black
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Description	Typical
Original Properties (ASTM Standard)	
Specific Gravity (D297)	1.87
Hardness, Shore A, Points (D2240)	70
Tensile Strength @ Break, psi (D1414)	1100
Elongation, % (D1414)	200
Modulus @ 100% Elongation, psi (D1414)	550
Modulus @ 50% Elongation, psi (D1414)	225
Compression Set @ 25% Deflection (ASTM Standard)	
70 Hours @ 347°F (175°C), In Air, % of Original Deflection (D395, Method B)	9
70 Hours @ 392°F (200°C), In Air, % of Original Deflection (D395, Method B)	12

Notes:

1. Unless otherwise noted, all tests performed on -214 o-rings.
2. Preliminary.

Contact Us

Greene Tweed
Houston, TX, USA

Tel: +1.281.765.4500
Fax: +1.281.821.2696

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