



Material Data Sheet



November 2007

Parker Compound: FF370-75

Temperature Range: -15°C to 300°C (5°F to 572°F)

Test Samples: 2-214 Size O-Rings (unless otherwise specified)

Specifications: General Properties

Compound Descriptions: Black Opaque, Clean, 75 Shore A Parofluor Ultra™, Perfluorinated Elastomer, Non Filled, High Purity, Low Extractable, Minimum Particles

Property	Typical Results
Original Properties, ASTM D1414	
Shore A Hardness74
Tensile Strength, psi1445
Elongation,211
Modulus at 100% Elongation,528
Compression Set, 70 hours at 175°C, ASTM D395 Method B, 2-214 Size O-Rings	
% Permanent Set	16
Compression Set, 70 hours at 200°C, ASTM D395 Method B, 2-214 Size O-Rings	
% Permanent Set	16
Compression Set, 70 hours at 249°C, ASTM D395 Method B, 2-214 Size O-Rings	
% Permanent Set	28
Compression Set, 70 hours at 315°C, ASTM D395 Method B, 2-214 Size O-Rings	
% Permanent Set	51
Compression Set, 168 hours at 200°C, ASTM D395 Method B, 2-214 Size O-Rings	
% Permanent Set	20
Low Temperature Retraction, ASTM D1329	
TR-10 in degrees C	1

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