



Parker Hannifin Corporation TechSeal Division 3025 West Croft Circle Spartanburg, SC 29302 864.573.7332

## ANNUAL MATERIAL REPORT March, 2011

COMPOUND ID:	KB255-90		MATERIAL:	HNBR, Black
MEETS ASTM:	M2DH920 A26 B16 B36 E016 EO36			
ORIGINAL PHYSICALS Durometer (Shore A) Tensile (psi) Elongation (%) 100% Modulus (psi) Specific Gravity	ASTM D2000	ASTM Method D2240 D412 D412 D412 D297	M2DH SPEC 90+/-5 2900 100 N/R N/R	<b>RESULT</b> 88 3480 167 2566 1.24
HEAT RESISTANCE 70 h @ 150 C Durometer $\Delta$ (pts) Tensile $\Delta$ (%) Elongation $\Delta$ (%)	A26	D865	10 -25 -30	2 0 -14
COMPRESSION SET (% 22 h @ 150 C, Button 22 h @ 150 C, Plied	) B16 B36	D395	30 50	16 21
FLUID AGE, 901 OIL 70 h @ 150 C Durometer $\Delta$ (pts) Tensile $\Delta$ (%) Elongation $\Delta$ (%) Volume $\Delta$ (%)	EO16	D471	-5 to 10 -20 -30 +/-5	1 7 -4 1
FLUID AGE, 903 OIL 70 h @ 150 C Durometer $\Delta$ (pts) Tensile $\Delta$ (%) Elongation $\Delta$ (%) Volume $\Delta$ (%)	EO36	D471	-15 -40 -40 25	-7 -8 -14 15

Unless otherwise noted, these are test values from a limited number of samples and should not be used for establishing specification limits.