

penn ELCOM

hardware and fastener solutions

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F1686 & F1692 series Material Data sheet

Name: SBK1502

Test Name \ Lot number	31009	SPEC
Volatile (%)	0.17	≤0.75
Total ash (%)	0.15	≤0.75
Organic acids (%)	6.15	4.50~6.75
Soap (%)	0.06	≤0.50
ML\Combination of styrene ML(%)	23.4	22.5~24.5
Raw rubber Mooney viscosity	50	45~55

Complete rubber mix character: Based on Carbon Black IRB#7 Test Recipe,ASTM D3185

Complete rubber mix Mooney viscosity ML	76	≤95
Tensile Strength (kg/cm ²) (145°C×35min)	300	≥250
Elongatio (%) (145°C×35min)	438	≥320
300%Tensile stress at a given elongation(g/cm ²) (145°C×25min)	171	155~195
300%Tensile stress at a given elongation(g/cm ²) (145°C×35min)	199	185~225
300%Tensile stress at a given elongation(kg/cm ²) (145°C×50min)	222	220-240

The data show here are within the normal range of product properties but they are NOT SECIFTCATION LIM LIMIIS.