



Styrene Butadiene Rubber (SBR) - 1502

Property	Unit	Test	Value
Volatile matter	wt %	ASTM D 1416	0.75 max
Ash	wt %	ASTM D 1416	1.5 max
Organic acid	wt %	ASTM D 1416	5.875
Soap	wt %	ASTM D 1416	0.5 max
Bound styrene	wt %	ASTM D 1416	23
Raw viscosity (ML 1+4 @ 100 oC)		ASTM D 1646	46 - 58
Compound viscosity (M 1+4 @ 100 oC)		ASTM D 1646	84 max
Tensile strength(35 min cured)	kg/cm2	ASTM D 412	250 min
Ultimate elongation(35 min cured)	%	ASTM D 412	350 min
300 % Modulus(35 min cured)	kg/cm2	ASTM D 412	167-207
MOLECULAR WEIGHT			166.14
EMPIRICAL FORMULA			C8H8O4