



POLYBUTADIENE RUBBER

High CIS 1,3-Polybutadiene Rubber

Raw Material

Typical Properties	Test Method	Unit	Value
CIS Content	ZEON R-130A	WT%	97 min.
Raw Mooney Viscosity	ASTM D-1646	ML-4	41-49
Volatile Material	ASTM D-1646	WT%	0.5 max.
Ash Content	ASTM D-1646	WT%	0.3 max.

Compound Properties

Typical Properties	Test Method	Unit	Value
Compound Mooney Viscosity	ASTM D-1646	ML-4	77 max.
Tensile (35 min)	ASTM D-412	kgf/cm ³	150 min.
Elongation (35 min)	ASTM D-412	%	440 min.
300% Modulus at 145 C°			-
25 min	ASTM D-412	kgf/cm ³	68-108
35 min			74-114
50 min			74-114
Rheometer at 160 C°	ASTM D-1646	-	-
MH		lbf in	32.0-40.0
ML		lbf in	5.2-11.2
TS-1		MIN	2.1-6.1
T50		MIN	6.0-10.4
T90		MIN	8.3-13.1