

NBR 3250 PACKING STUDY

COMPOUND RECIPES		PROPERTIES OF COMPOUNDS	
NBR 3250	100 phr	Mooney Viscosity(ML1+4,100℃)	
Carbon Black(SRF)	80.0	Rheometer(MDR,160℃×12 min,1 ° Arc, MDR)	
Zinc Oxide	5.0	ML(1b-in)	
Stearic Acid	1.0	MH (1b-in)	
Antioxidant(RD)	2.0	ts1 (min.)	
Antioxidant(3-C)	1.0	Tc'50 (min.)	
Plasticizer(DOP)	10.0	Tc'90 (min.)	
Sulfur	0.5		
TT	1.0		
CZ	2.0		
Total	202.5		

Basic Properties(145℃×20min. Cured)

Hardness(shore A)

Elongation(%)

Tensile (kg/cm²)

Circulating Oven Aging(100℃×72hrs)

Hardness Change(point)

Tensile Change(%)

Elongation Change(%)

Aged ASTM #1 Oil(100℃×72hrs)

Hardness Change(point)

Tensile Change(%)

Elongation Change(%)

Volume Swell(%)

Aged ASTM #3 Oil(100℃×72hrs)

Hardness Change(point)

Tensile Change(%)

Elongation Change(%)

Volume Swell(%)

Aged FUEL C(R.T℃×72hrs)

Hardness Change(point)

Tensile Change(%)

Elongation Change(%)

Volume Swell(%)

Compression Set(160℃×30min. Cured)

100℃×72hrs(%)

Rebound(30℃, %)

AKRON Abrasion

*The above data is a typical value, therefore there may be a slight difference between the elements of a supplied product and the data.