



**NeoPoly™ NV** is a blend of NBR & PVC in various ratios. The blend of NBR & PVC maintains individual properties of both NBR & PVC. Vulcanzites based on **NeoPoly™ NV** exhibit excellent ozone resistance, fuel resistance & abrasion resistance.

**PRODUCT SPECIFICATIONS**

<b>Grade</b>	<b>NV - 73</b>	<b>NV - 55</b>
NBR/PVC Ratio	70:30	50:50
Form	Sheet	Sheet
Colour	Yellow	Yellow
Mooney Viscosity (ML 1+4@100°C)	50 +/- 5	60 +/- 5
Specific Gravity	1.06	1.11

**TEST FORMULATION & TEST RESULTS**

<b>NeoPoly™ NV</b>	100	100
Zinc Oxide	5	5
Stearic Acid	1	1
FEF N-550	50	50
DOP	10	10
Qureacc® MBTS	1	1
Qureacc® TMT	0.5	0.5
Sulfur	1.5	1.5
<b>Total</b>	<b>169</b>	<b>169</b>
<b>Physical Properties - Cure Time 10 min @ 160°C</b>		
Hardness (Shore A)	80	85
Tensile Strength (MPa)	16.0	17.7
Elongation at Break (%)	250	200
<b>Heat Ageing - 72 hrs @ 70°C</b>		
Change in Hardness (Shore A)	+1	+1
Change in Tensile Strength (%)	+4.5	+4.7
Change Elongation at Break (%)	-11.5	-12.3

**Advantages:**

- Economical compounds with excellent physical properties.
- Improved fuel resistance automotive application.
- Improved ozone resistance of NBR.
- Improve low temperature resistance.

**Application:**

- Moulding such as auto parts, gaskets, oil seals, safety shoe soles & printing rollers.
- LPG hoses & tubes with flame retardant properties.
- Expanded sheets for insulation.
- Rubber sheets and extruded rubber parts.

**Packing:**

25 kgs coated paper bags