



# STARMAG L

## Low Activity Light Magnesium Oxide

Great Cost saver for Fluoroelastomer compounds

Typical Formulations:-

FKM (Fluoroelastomers)	100	100	100	100	100
MT Black	20	20	20	20	20
Innovox OH Calcium Hydroxide Ca(OH) <sub>2</sub>	3	3	3	3	3
<b>Starmag L (Low Activity MgO)</b>	<b>5</b>	<b>10</b>	<b>15</b>	<b>20</b>	<b>25</b>
	128	133	138	143	148
<b>Mooney Scroch (Ms @ 121°C)</b>					
Minimum viscosity (Vm)	42	49	53	55	59
t5 (min)	17	24	26	25	22
t10 (min)	20	27	32	29	25
<b>Curing Conditions</b> Press Cure 30 Min @ 150°C (Post Cure 24 hrs @ 200°C)					
100% modulus (Mpa)	3.1	3.7	4.5	5.8	6.3
Tensile Strength (Mpa)	15.3	15.8	18.1	18.6	18.6
Elongation (%)	310	300	300	280	270
Hardness (Shore A)	68	71	73	75	78

Ideal Dosages : 10 - 15 phr for 70 hardness

### Advantages:

Reduction in cost Due to Higher Dosage of MgO  
Improved Scorch Safety  
Improved Modulus/Tensile at same Elongation

### Packing:

1kg pouch in 20kg craft paper bag

