

**Samples provided by customer. Mixing 35kg of their own compound with 25 kg of Olmek-P with 200gm sulphur.
Top up percentage is 71% or mixing ratio of 41%**

Physical Properties:	CUSTOMER COMPOUND	CUSTOMER COMPOUND + Olmek-P
Tensile Strength (MPa)	10.6	12.2
Elongation at Break (%)	416	288
Modulus (M100)	1.89	3.07
Modulus (M200)	4.42	7.5
Modulus (M300)	7.36	12.7
ts2 (sec)	05:43	03:21
tc90 (sec)	10:33	08:59
tc95 (sec)	11:44	10:31
Mooney Viscosity ,ML1+4	43	68
Hardness (Shore A)	57	63
Abrasion Resistance Index (%)	70%	86%
Din Abrasion	215	174
Cured Density	1.17	1.161

CONCLUSION

Tensile strength (MPa)

Higher Tensile Strength with additional of Olmek-P

Elongation at Break (%)

Drop in the EB% with additional of Olmek-P but can be improved by reducing sulphur dosage

ts2 (sec)

Readings with additional of Olmek-P blend is shorter than the control sample. By adding PVI can improve the scorch safety

Mooney Viscosity, ML1+4

Higher mooney recorded on the additional of Olmek-P but within processibility parameter.

Hardness (Shore A)

Slight increase on the hardness with additional of Olmek-O

Abrasion

Improve in volume loss with additional of Olmek-P