

### Rubber Goods

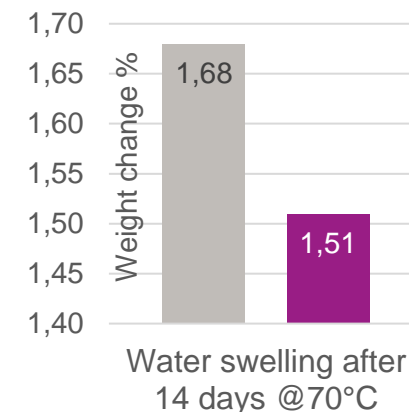
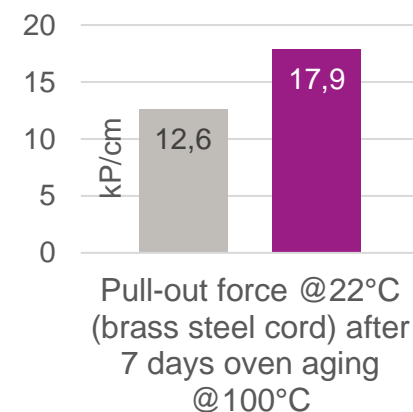
#### Conveyor Belts



#### Key benefits

VESTENAMER helps to process conveyor belt compounds more easily by lowering the Mooney viscosity, and reducing challenges related to calendering, as well as reinforcement of rubber by steel cords and textiles. The conveyor belts' product lifetime can be improved by lower abrasion and better steel cord adhesion what is a mutual benefit of VESTENAMER in most compounds. Due to the hydrophobic nature of VESTENAMER polymer, undesirable water swelling of the rubber is reduced, especially after aging. Mechanical properties of the cured rubber typically remain unchanged or show gentle increase in hardness and modulus.

- Easier compounding
- Improved cord adhesion
- Reduced swelling in water
- Mechanical properties are maintained
- Better abrasion resistance



#### Conveyor belt:

##### Steel adhesion compound

	A	B
E-SBR (23% styrene)	100	80
<b>VESTENAMER 8012</b>	-	<b>20</b>
Carbon black	50	50
Oil	4	4
Adhesion promoter	6	6
ZnO	5	5
Antioxidants	1.5	1.5
Sulfur	3	3
CBS	1.25	1.25