

Recycled Rubber

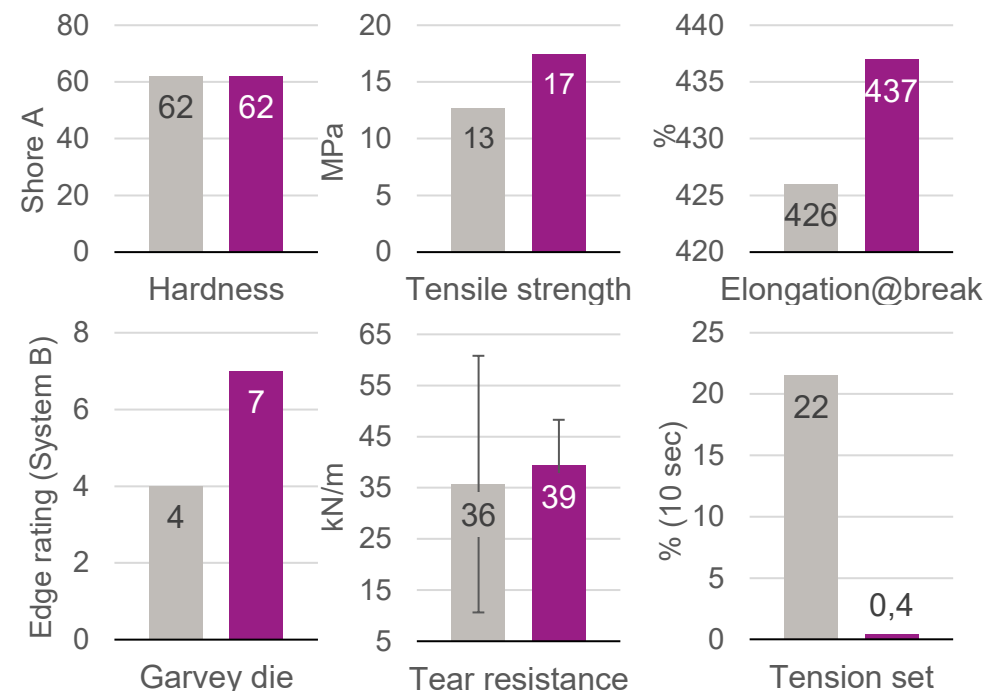
Recycled Carbon Black

Use of recycled carbon black materials (rCB) can cause severe challenges in rubber processing and product quality. VESTENAMER improves the dispersion of rCB, and extrusion as visible from Garvey die results. Moreover, performance losses by rCB in mechanical properties are counterbalanced so that even demanding products like windshield wiperblades can be manufactured without compromises. As a high-molecular weight processing aid, VESTENAMER shows no blooming or plasticizer migration. Since it crosslinks like rubber, dynamic properties are maintained and outstanding tension set results can be achieved.



Key benefits

- Lower Mooney viscosity
- Better extrusion results
- No change in hardness
- Improved mechanical properties
- Outstanding tension set
- Consistent tear resistance
- No blooming or migration



Windshield wiperblade	Control	VESTENAMER
NR (SMR CV60)	70	70
IR (Natsyn 2200)	20	20
BR (Budene 1208)	10	10
VESTENAMER 8012	-	7.5
Carbon black N990	40	40
Recycled Carbon black (rCB)	35	35
Other additives (Curatives, ect.)	11	11