

SR310

Carbon Black • SR310

SR310 is a high structure N300 series carbon black. It was developed for applications requiring a higher modulus, and provides improvements in green strength, dispersion, and extrusion properties, with no effect on cure rate, scorch, or compression set. SR310 is particularly suitable for tire or industrial product applications, especially in tread or sidewall formulas where good wear resistance is needed. It provides outstanding performance in natural rubber and a wide variety of synthetic polymers.

TYPICAL APPLICATIONS

- Passenger and truck tire tread, sidewall and carcass compounds
- Industrial tires
- Conveyor belts
- Hose applications
- Other industrial products requiring higher modulus

PERFORMANCE FEATURES

- Easy dispersion
- Excellent extrusion characteristics
- Improved traction and handling



DATA/GRAPHS

Typical Rubber Properties	ASTM	D3191
	N330	SR310
300% Modulus (MPa)	19.8	20.8
Tensile (MPa)	26.2	27.1
Elongation %	387.0	360.0
Rebound %	54.9	55.9