

## E2C™ EX9620 elastomer composite



### GENERAL DESCRIPTION

Cabot's engineered elastomer composite (E2C™) solutions are designed for superior particle dispersion and enhanced polymer-particle interaction, which results in stronger reinforcement, improved resistance to damage and reduced hysteresis.

### PERFORMANCE FEATURES

E2C EX9620 is designed to deliver superior heat buildup performance and rebound without sacrificing for durability in applications where abrasion is the primary wear mechanism.

### TYPICAL APPLICATIONS

- ◆ Off-the-road tread/retread for high durability
- ◆ Heavy urban (city bus, garbage truck)
- ◆ Mining slurry applications with erosion
  - Slurry pump liner
  - Hydro-cyclone liner
- ◆ Screen panel for minimizing plugging and blinding

# E2C™ EX9620 elastomer composite

## TECHNICAL DATA

### TEST SETUP:

E2C mixing follows Cabot Light Touch™ mixing protocols; reference compounds use two-stage mixing. NR=natural rubber. CB=carbon black.

E2C EX9620 elastomer composite	NR/ASTM N220 CB	NR/ASTM N330 CB
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### PERFORMANCE

Mooney Viscosity  
ML (1+4) at 100° C,  
(M.U.)

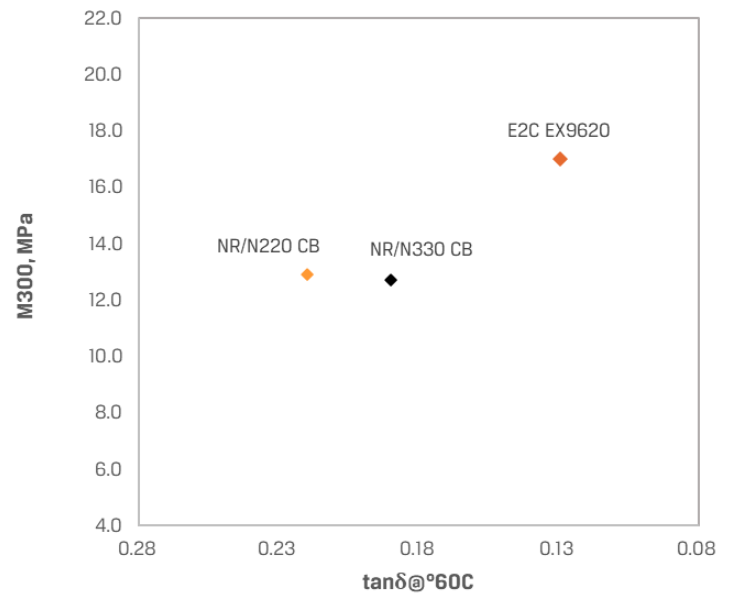
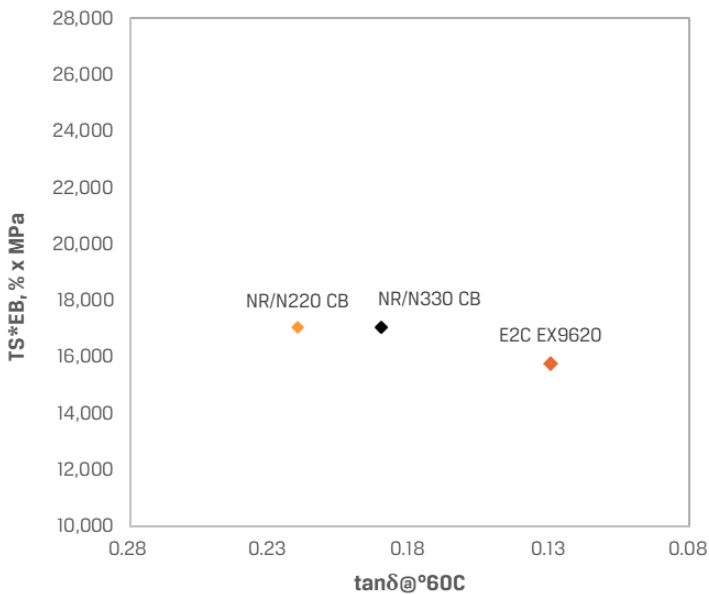
300% Modulus,  
MPa

Tensile Strength,  
MPa

Elongation at  
Break, %

Tanδ at 60° C

69	89	83
17.0	12.9	12.7
29.8	28.7	28.6
528	594	596
0.130	0.22	0.19



For more information, please refer to the applicable Safety Data Sheet (SDS) available from your Cabot representative at [cabotcorp.com/contact](http://cabotcorp.com/contact).

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