

## CRX™ 1444



### Description

CRX™ 1444 carbon black is a member of a special family of very high surface area products specifically developed by CABOT for very high performance tire treads.

The tread part of tires for that tire market segment requires a performance balance which cannot be met with the traditional high surface area ASTM carbon black grades. CRX 1444 carbon black is a very fine particle size carbon black with a surface area much higher than the standard ASTM N200 and N100 types.

Insufficient dispersion can limit the full performance benefit exploration of very high surface area carbon black grades in rubber. The structure of CRX 1444 carbon black is purposely high, which can reduce these potential carbon black dispersion problems.

All of this result in very high rubber reinforcement, and CRX 1444 carbon black offers a unique combination of a very high hysteresis, a low static and a high dynamic modulus. Those rubber compound properties are critical for the tread part of very high performance passenger tires to grant excellent grip and a good handling performance.

CRX 1444 carbon black is mainly used in the tread compounds of racing and very high performance (> V rating) passenger tires.

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