

hankook
driving emotion



KINERGY^{GT}
Premium grand touring



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New grand touring **KINERGY^{GT}**



Technology icon



Chamfer sipe



Compound

Performance icon



Dry braking



Mileage



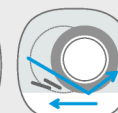
Drainage



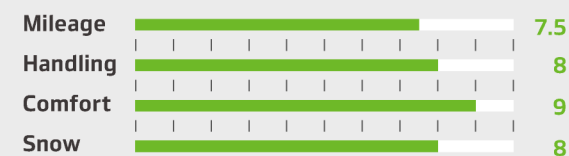
Wet handling



Winter handling



Snow traction



Technical profile

Series : 40~65

Inch : 15~19

Speed symbol : H, V

UTQG : 540 / A / A

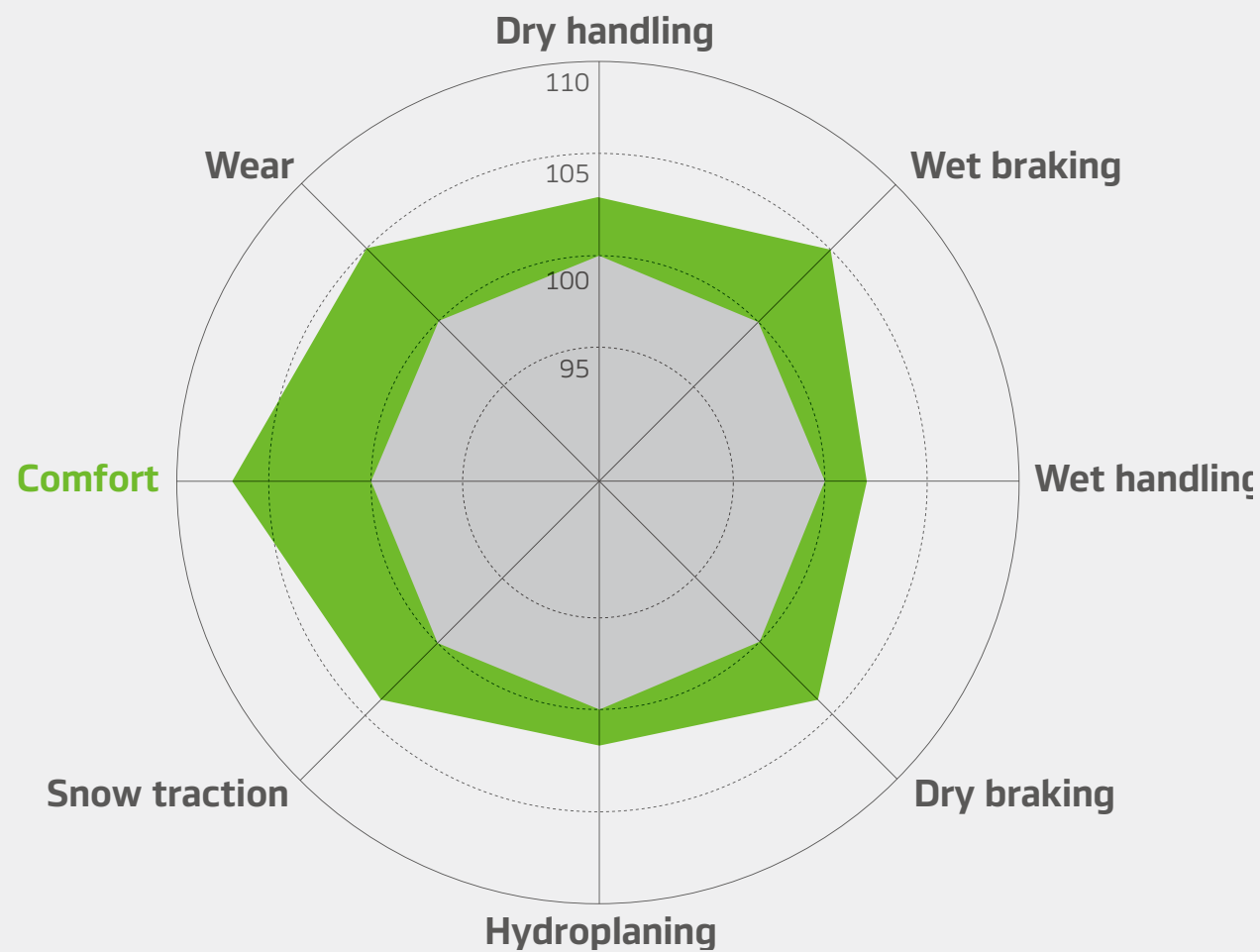
Key performance

Premium grand touring

Improvement in performance compared to predecessor.

■ Conventional

■ **KINERGY^{GT}**





Wet handling



Drainage

Wet performance



Dry braking

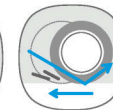


Mileage

Dry performance



Winter handling



Snow traction

Winter performance



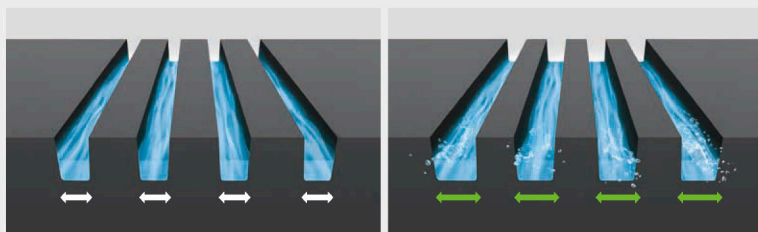
Grand touring all-season tire for all road

Wet performance

By using 3D hydroplaning simulation during the design process, KINERGY GT's exclusive tread design provides excellent water evacuation which ensures impressive wet performance and improved safety in wet conditions.

A Wide circumferential 4 channel grooves

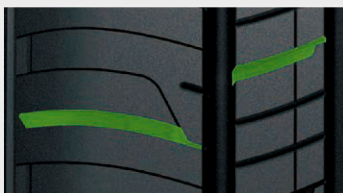
Wider grooves provide maximum water evacuation which promotes wet traction.



Conventional

KINERGY GT

B Wide lateral groove



Wide lateral grooves incorporated into the tire's tread ensure hydroplaning resistance for excellent wet handling and braking.

C Step-wing shoulder



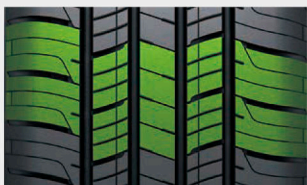
Step-wing shoulder design maximizes water expulsion for outstanding safety.



Dry performance and mileage

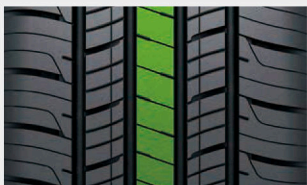
Designed for ultimate dry performance with optimized block sequence and stiffness. Enhanced stiffness gives longer tread life and wear.

D Optimized block stiffness



Optimized tread block stiffness ensures enhanced durability and tread uniformity for improved handling performance and mileage.

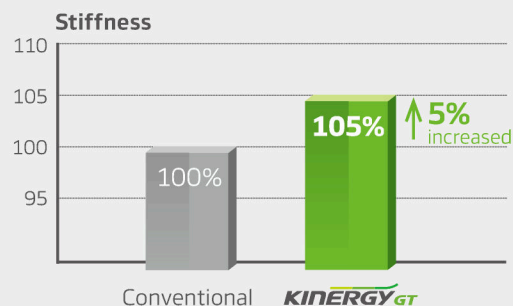
E Center rib



A rigid center rib provides excellent grip for outstanding handling and braking performance.

F Enhanced sidewall stiffness

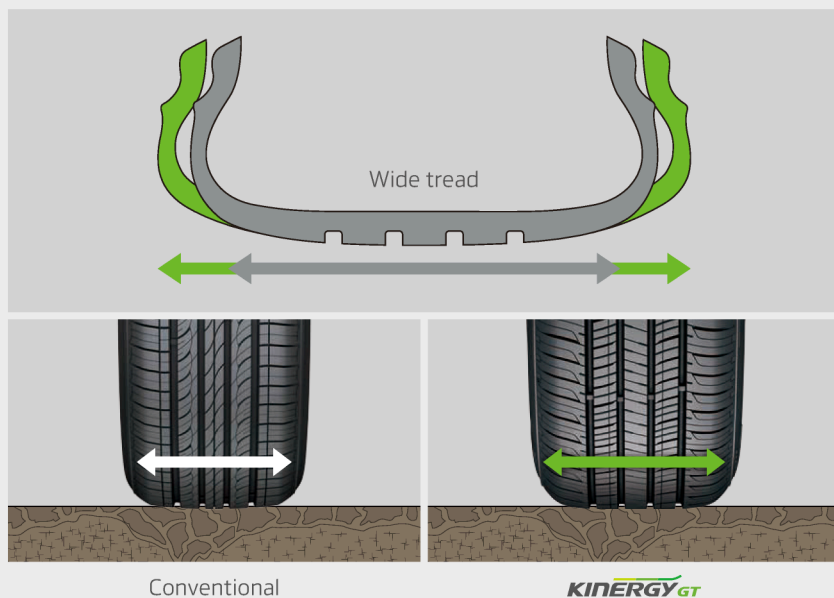
Engineered to deliver optimal steering ability via enhanced sidewall stiffness.



Dry performance and mileage

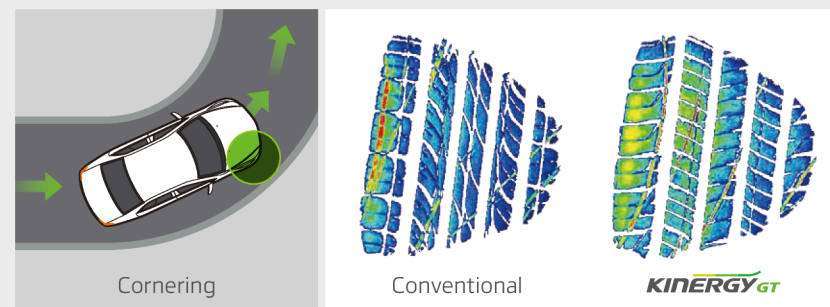
KINERGY GT's improved profile maximizes tread uniformity and stability which ensure longer tread life and dry performance. A wide contact area provides better cornering response and improved handling performance.

G Optimal profile design



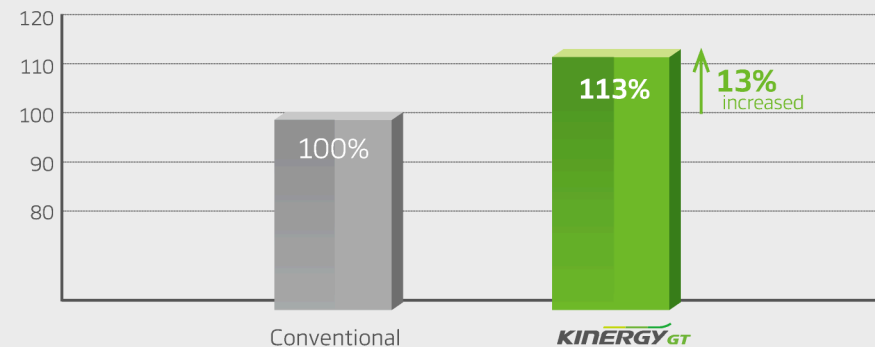
A wide tread profile provides stability and uniformity which reduces distortion, delivering outstanding handling performance and improved tread life.

H Footprint



SPEC. Slip angle (8°) / Test condition : Air - 2.0kg/cm², load - 530kg

Actual contact area



Wide contact area maximizes steering response and stability even in extreme driving conditions.

Snow performance

An optimized tread design with lateral grooves and chamfer sipes maximizes snow performance for excellent grip, traction and safety.

I Optimized lateral groove design

Wide lateral grooves provide excellent snow grip and enhance snow traction.

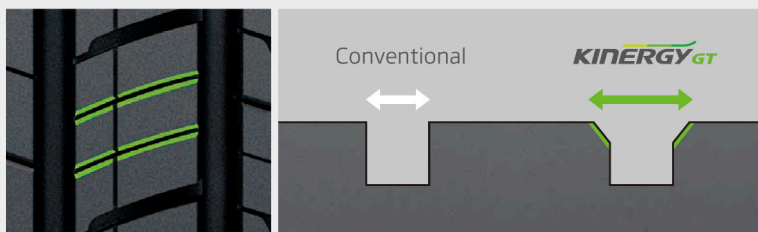


Conventional

KINERGY GT

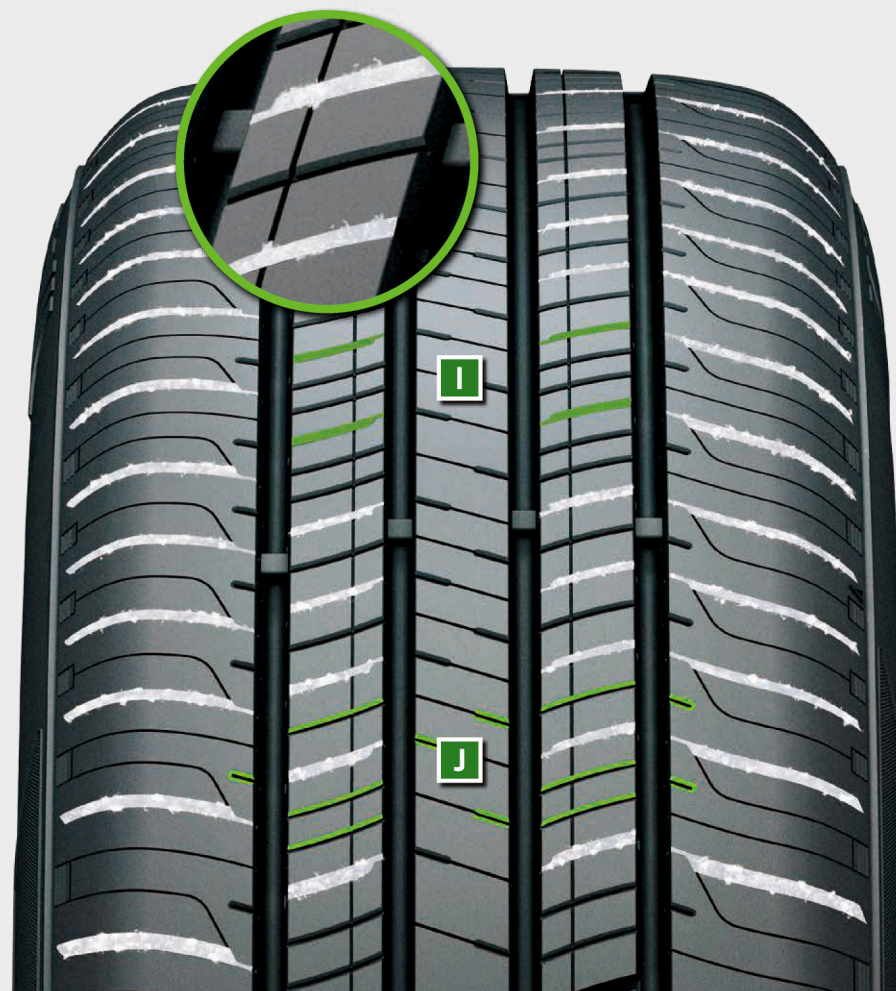
J Equalized chamfer sipe

Chamfer sipes maximize snow performance providing consistent grip in snowy conditions.



Conventional

KINERGY GT

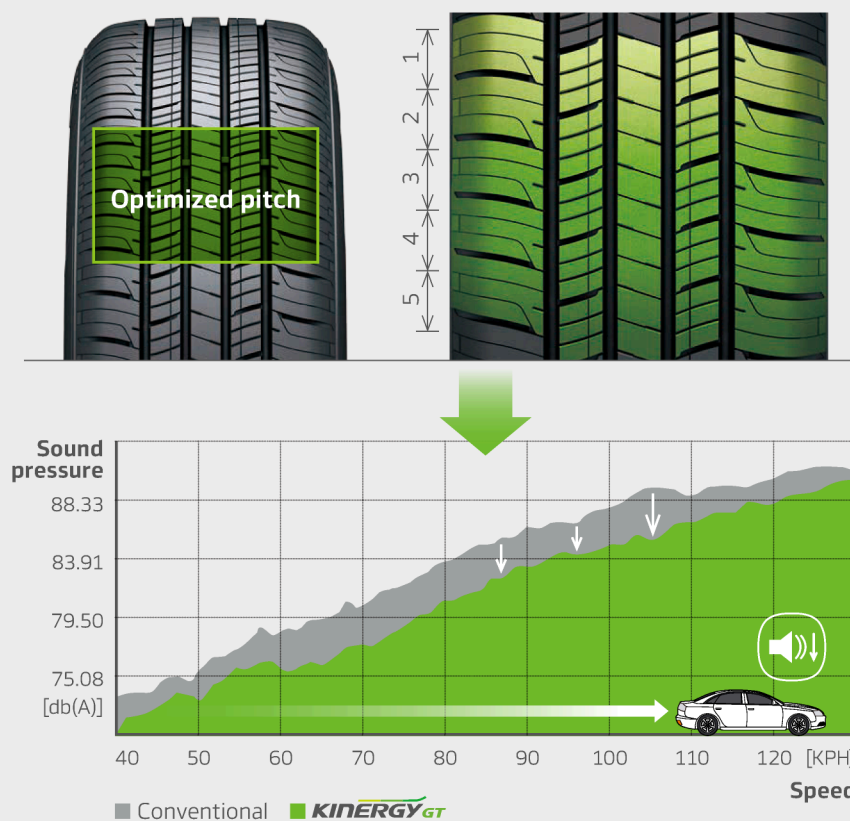


Comfort and noise

Tread block pitch sequence and profile have been engineered to reduce noise and vibration across a wide range of road surfaces. Additionally vibration control technology offers the most comfortable driving experience.

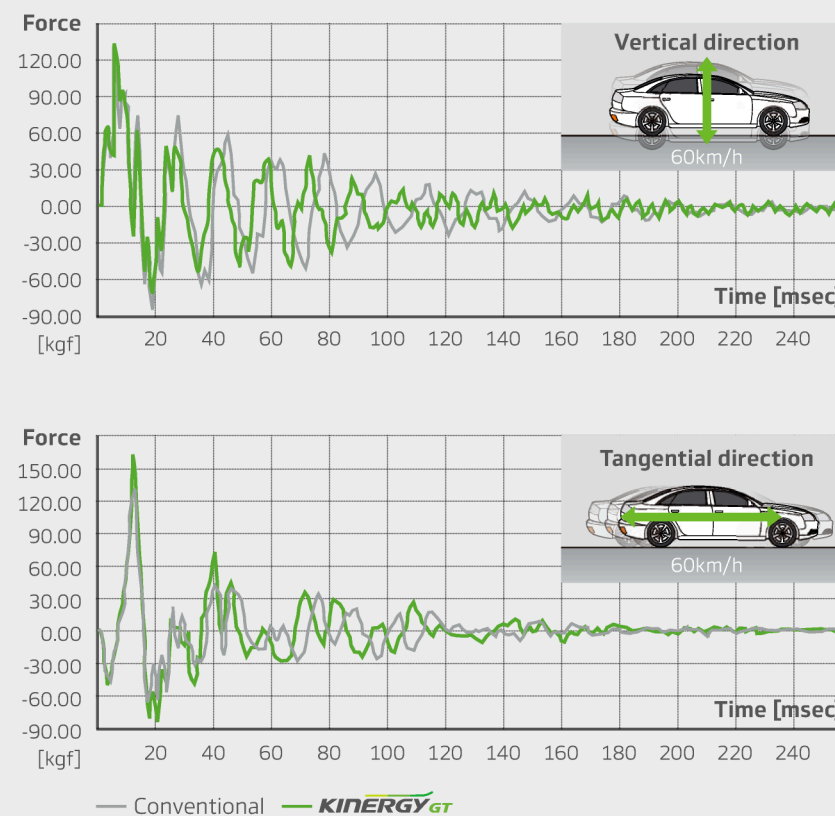
K Optimized pitch sequence

Its specific pitch sequence reduces road noise.



L Vibration control technology

Advanced profile absorbs vibrations on road.



Tire structure

High grip silica compound

Offers higher performance in winter conditions by promoting better grip and traction.

Jointless full cover reinforced belt

Optimized strength to improve tread stability even at high speed.

Wide steel belt layer

Improved tread stiffness for better handling / braking performance.

Equilibrium carcass line

Increased sidewall durability and stability.



High-stiffness bead filler

Stiffer sidewall for improved steering response.

Strong jointless bead wire

Enhanced bead uniformity.

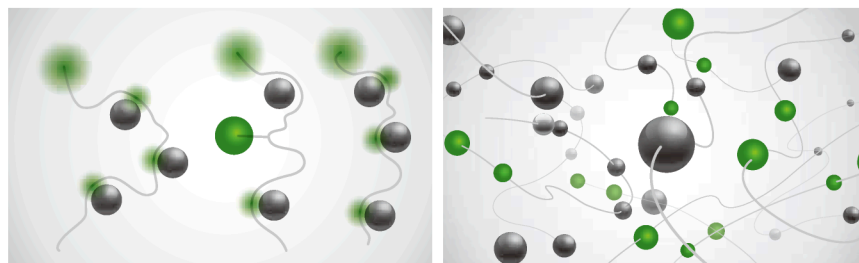
Compound

Dual filler system ensure low rolling resistance, improved tread wear and well-balanced handling performance. KINERGY GT additionally provides excellent winter performance with low tg polymer.

Dual filler system

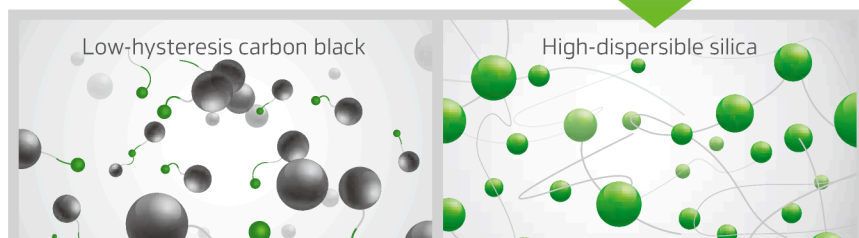
By using dual filler system, KINERGY GT offers well-balanced dry / wet handling performance and longer tread life.

● Low-hysteresis carbon black ● High-dispersible silica



Conventional

KINERGY GT

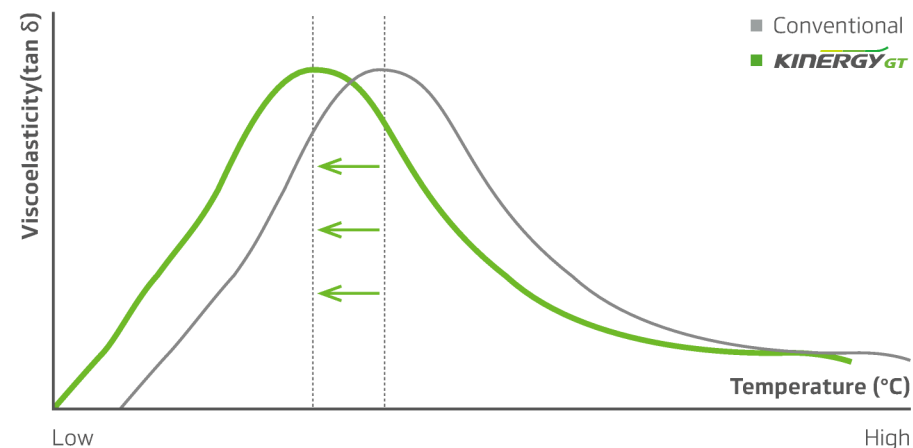


· Low-hysteresis carbon black provides low rolling resistance, delivering high mileage to drivers.

· Optimized silica-polymer network
· High-dispersible silica improves wet performance with enhanced grip on road.

Low tg polymer

Low tg polymer improves snow handling and braking performance.



Low tg polymer provides excellent stability in lower temperature which delivers enhanced winter performance.

