

HANKOOK
driving emotion



KINERGYECO

The environmentally friendly performance tire



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KINERGY^{ECO}



Performance icon



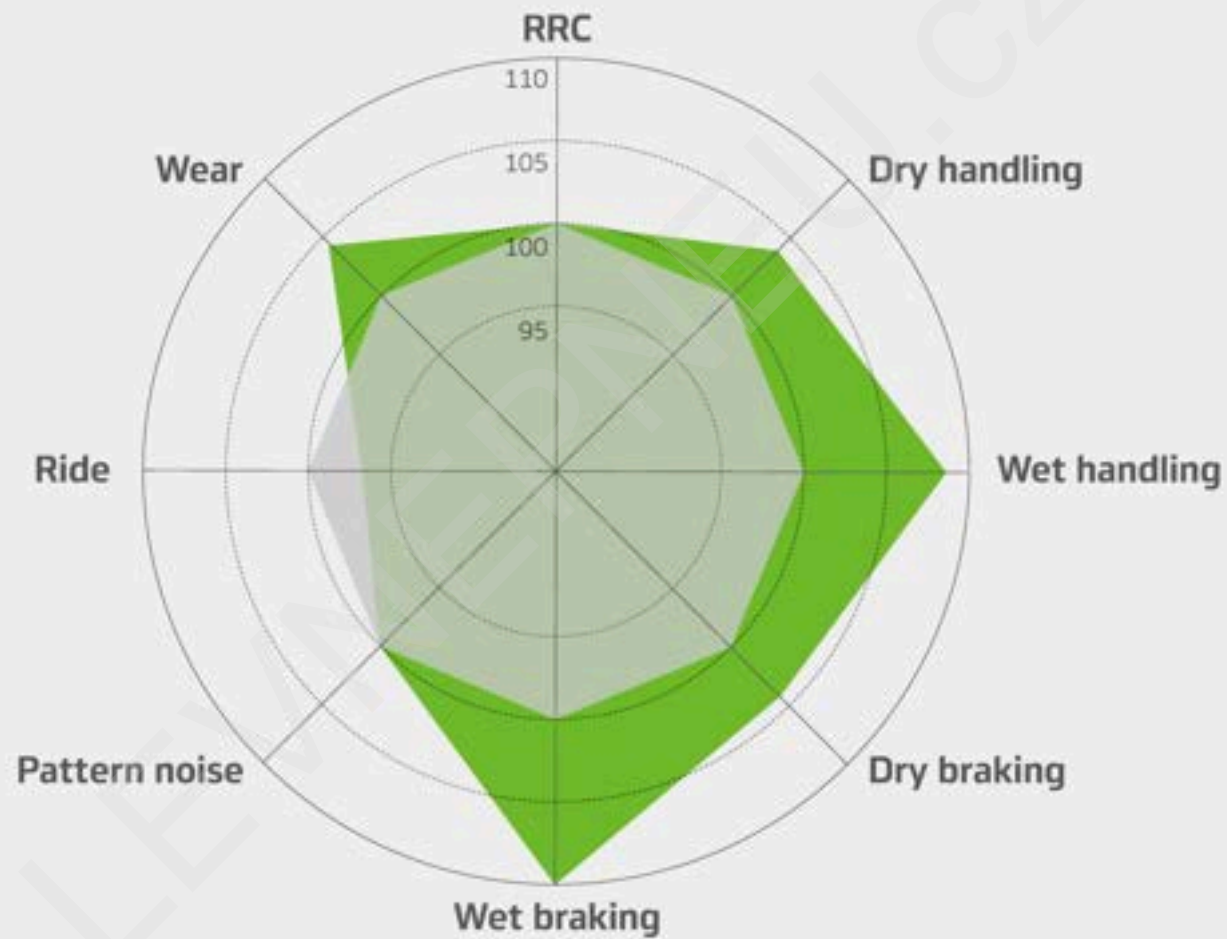
Technical profile

SS : H,T,V
NSW : 155-185
SRS : 50-80
RIM : 13-15

Key performance

Improvement in performance compared to its predecessor.

■ Conventional
■ **KINERGY^{ECO}**





Environmentally Friendly



Design features and technology

Pattern Preview

Kinergy eco - Asymmetric High Performance Summer

A Wide Straight 3 Channel Groove

Optimal width and positioning of the three channel grooves ensures excellent performance in wet driving conditions.



Conventional

KINERGY eco

B Optimized Block Stiffness

Dry handling performance is improved through the use of larger shoulder blocks and increased contact area.

C Optimized Pitch Sequence

A quieter ride and better handling are ensured by optimizing pitch sequence.



D Lateral Shoulder Grooves

Designed to improve handling on dry roads and provide additional performance in wet conditions.



E Saw Tooth Type Technology

Improves dry handling without sacrificing wet handling ability.



Environmental Friendliness

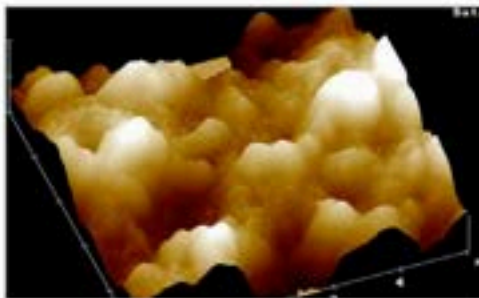
ENVIRONMENTALLY FRIENDLY

F Fuel Saving Compound Technology

Kinergy eco's Fuel Saving Technology was developed by combining new materials, such as nano-scale silica particles, using new mixing technology. These technologies help improve both fuel efficiency and wet braking performance.

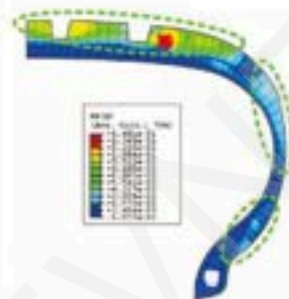
More fuel efficient

Increased fuel savings and a reduction in CO²



Advanced fuel saving compound

KINERGY_{eco}

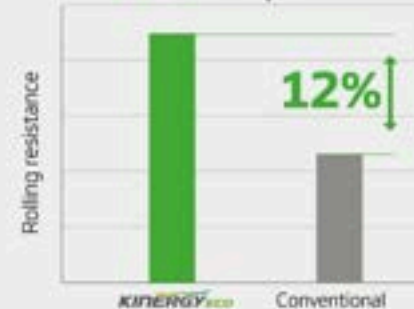


G Lower Rolling Resistance

During use tires generate heat, this heat signifies energy loss. By lowering a tire's rolling resistance less energy loss can be achieved leading to lower fuel consumption and lower CO₂ emissions.



Hankook Tire R&D report



Higher number = better performance

Wet Braking Performance

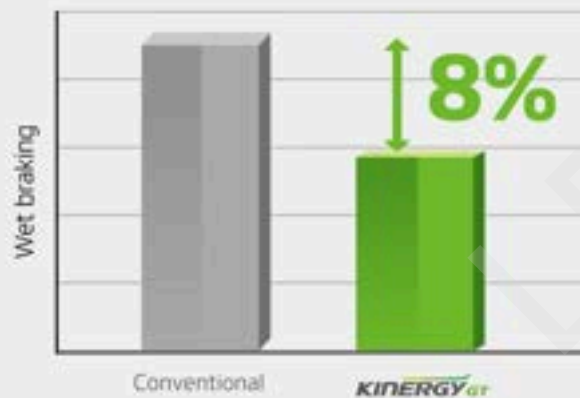
Saw Tooth Type Technology is applied to Kinergy eco to Maximize Wet Braking Performance.

H Saw Tooth Type Technology

Hankook Tire utilized a state-of-the-art Flat-Trac III SS test machine during development to ensure Kinergy eco deliver optimal wet braking performance. The result is an 8% enhancement in wet braking performance compared to other tires in its class.



Hankook Tire R&D report

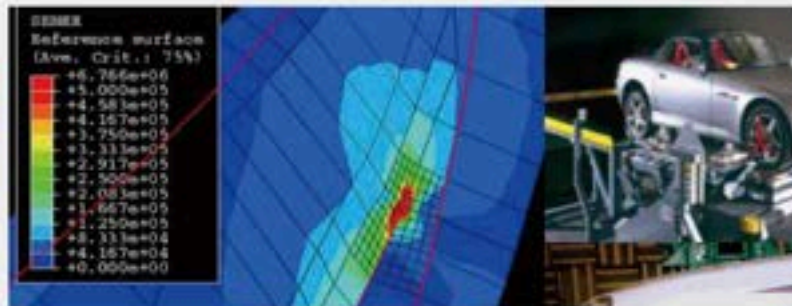


Comfort Performance

Kinergy eco was designed to satisfy customers riding comfort as well as maximizing fuel efficiency. This combination of comfort and efficiency was made possible through the use of Hankook's vibration control technology.

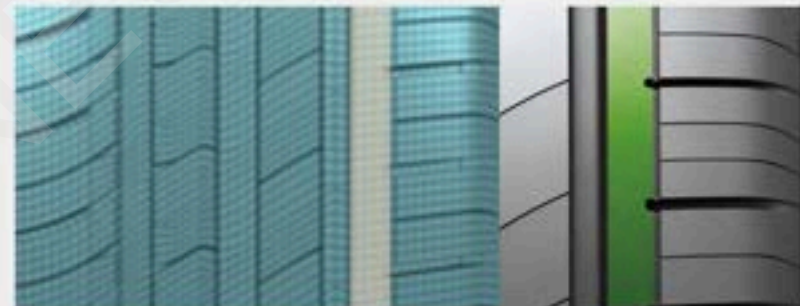
I Vibration Control Technology

Enhanced comfort is achieved through an advanced vibration controlsystem.



II Semi Rib Design

Kinergy eco's outer block Semi-Rib design provides greater stability and handling performance.





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