

**HANKOOK**  
driving emotion



**KINERGY ECO**

The environmentally friendly performance tire



# Contents

---

Features and performance information

Key performance

Positioning map and product history

Product concept

Design features and technology

Available sizes



Features and performance information

Environmentally friendly

**KINERGY ECO**



#### Performance icon



#### Technical profile

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

**KINERGY ECO**

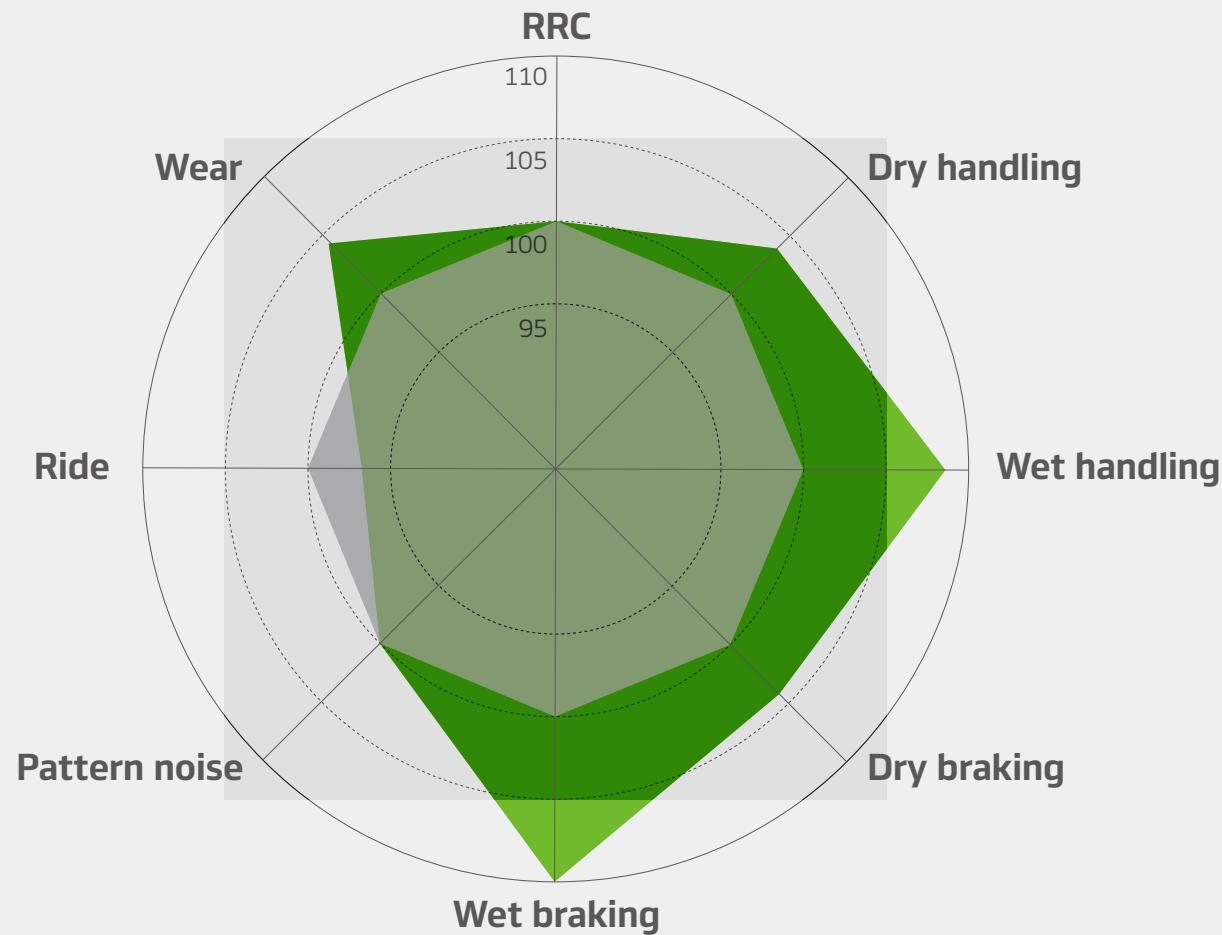
**HANKOOK**  
driving emotion

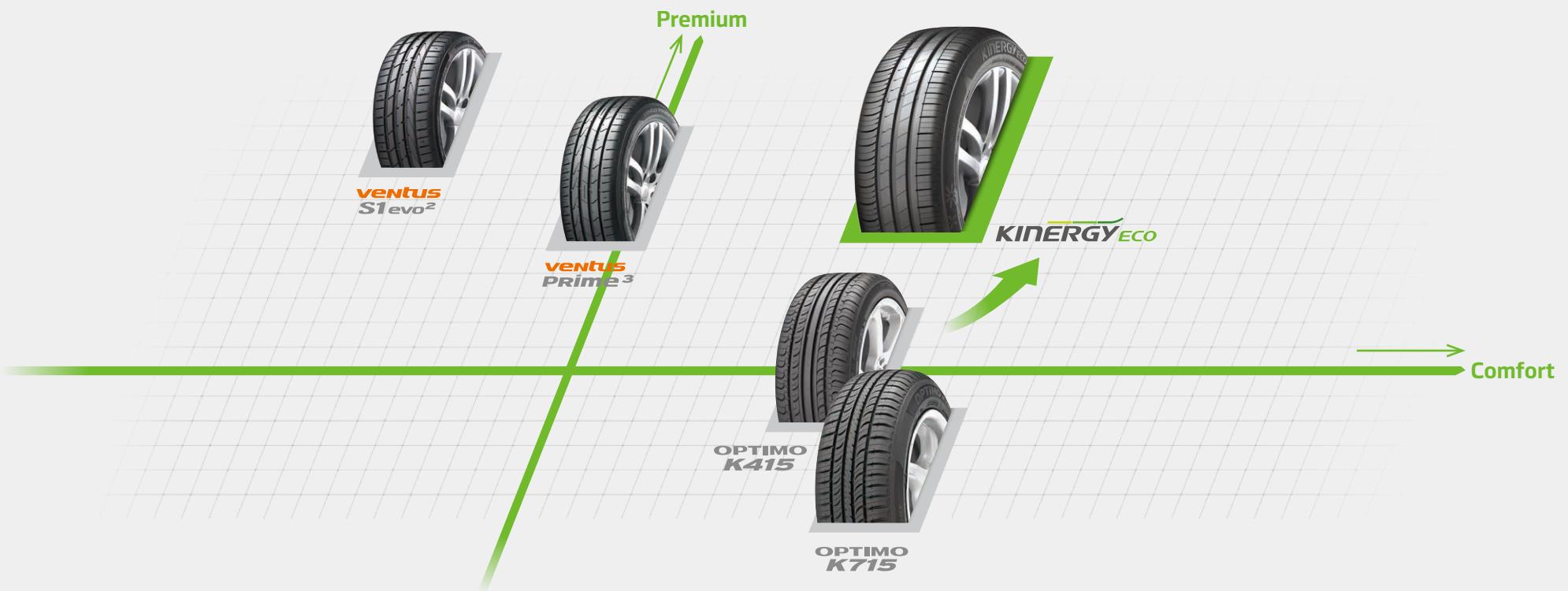
## Key performance

Environmentally friendly

Improvement in performance compared to its predecessor.

■ Conventional  
■ **KINERGY ECO**





OPTIMO  
K415

K415



Kinetic + Energy  
Hankook Tire's  
eco-friendly brand.

KINERGY ECO

K425

Pattern concept

Environmentally friendly

# Environmentally Friendly



**KINERGY ECO**

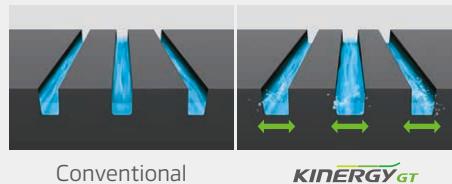
**HANKOOK**  
driving emotion

# 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.



## 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.

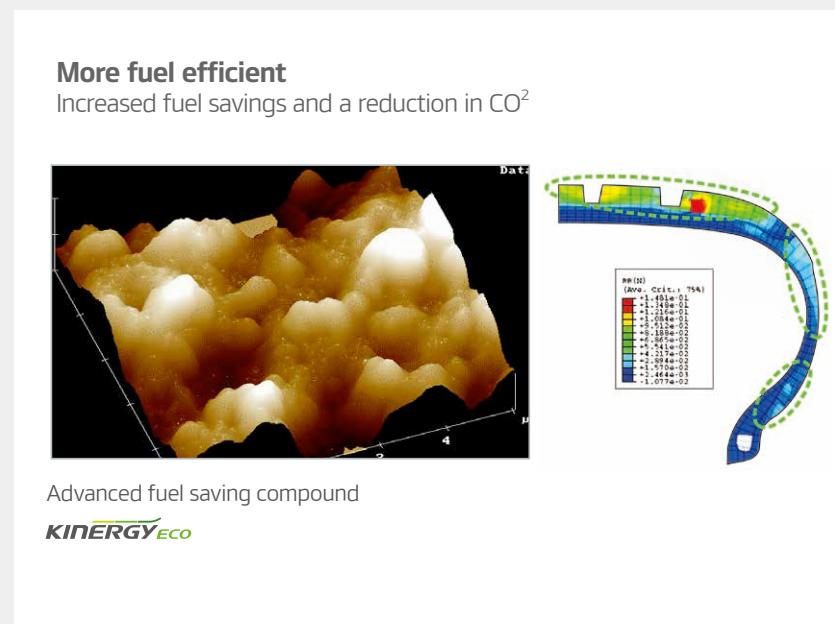


# Environmental Friendliness

**ENVIRONMENTALLY  
FRIENDLY**

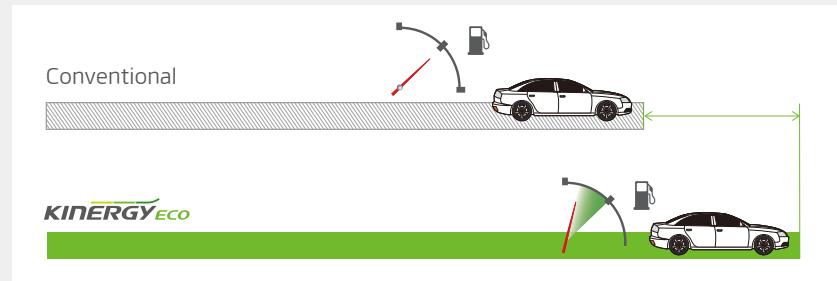
## F Fuel Saving Compound Technology

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.

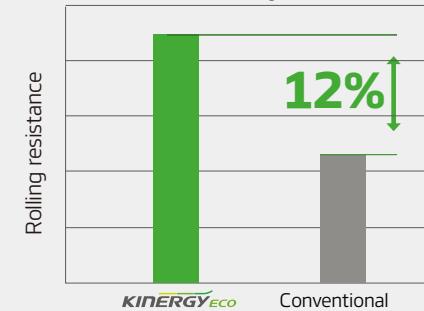


## G Lower Rolling Resistance

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 CO<sub>2</sub> emissions.



### Hankook Tire R&D report



# Wet Braking Performance

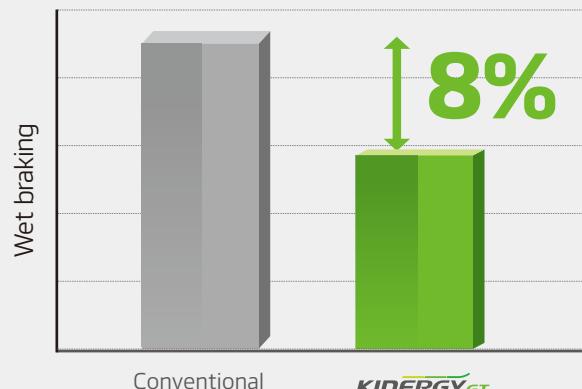
Saw Tooth Type Technology is applied to Kinergy eco to Maximize Wet Braking Performance.

## 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



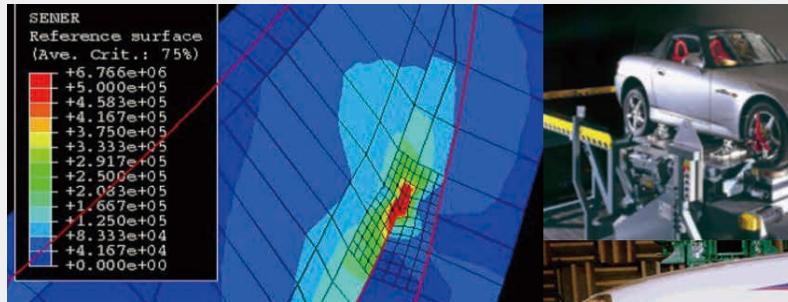
# Comfort Performance

COMFORT

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.

## ■ Vibration Control Technology

Enhanced comfort is achieved through an advanced vibration controlsystem.



## ■ Semi Rib Design

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

