

Fine PET-S

PET-S Fine



High-durability pavement using waste PET

Characteristics

- Uses an additive (NEWTLAC 5500) made from recycled waste PET as a raw material
- Technology for building highly durable, long-life roads



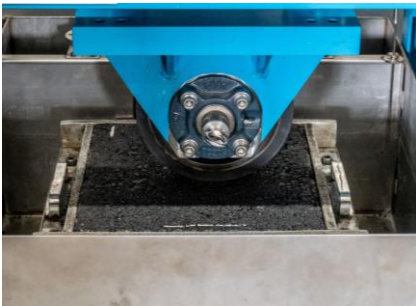
Applications

- Pavement for parking areas expected to accommodate heavy vehicles
- Driving lanes within factories

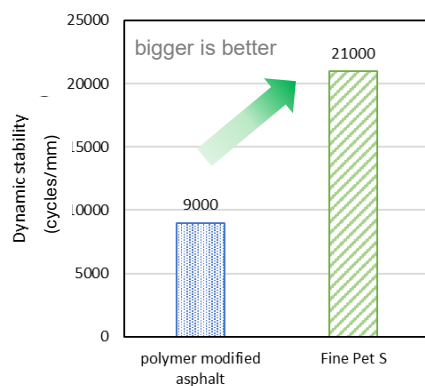


Rutting resistance evaluation

- A wheel tracking test was used to measure dynamic stability, an indicator of rutting resistance.
- Dynamic stability of Fine PET-S is higher than that of polymer-modified asphalt.



wheel tracking test



Oil resistance evaluation

- After immersing the test piece in kerosene at 60°C for 48 hours, mass retention and Marshall stability are measured.
- Fine PET-S retains its original shape even after being immersed in kerosene.

Before immersion in kerosene



After immersion in kerosene



Polymer-modified asphalt

[Fine PET-S](#)

