

News Release

Barberà del Vallès, September 2024

We are pleased to announce that our unique Newtlac technology was successfully tested on 26th of July in our Olesa plant.

For this trial, 30 Tons of asphalt mixture (D12 type) were produced, applied and compacted in two sections (combining Newtlac dosages 5 and 10% over bitumen). Mixture workability and final pavement appearance were excellent in all cases.

Starting from waste PET (from discarded plastic section), Kao developed NEWTLAC series, a high durable pavement modifier, and established a new patented technology to promote positive recycling into asphalt industry. There are many ways to recycle waste plastics into asphalt, but Newtlac it's the only one that, through chemical reaction, allows an easy digestion of recycled PET into the asphalt mixture.

Apart from environmental and circular economy benefits, the use of Newtlac provides extended durability through high rutting and fuel resistance to the pavement. That makes our new technology sustainable from all perspectives.

While the Newtlac technology has been widely applied in other regions like Asia and US, that was the first application in Europe.

You can learn more about Newtlac in our website

[Highly durable asphalt modifier made from waste PET NEWTLAC 5000 | Asphalt, Civil engineering & Construction | Kao Chemical](#)