

RODEPA PLASTICS Netherlands: **RegrindPro® & co.: success through state-of-the-art equipment from EREMA**

Rodepa Plastics BV of Hengelo processes 25,000 tonnes of post-industrial and post-consumer LDPE, PP and PS every year to make recycled pellets. The company relies entirely on recycling technology from EREMA. The material all-rounder RegrindPro® has proven to be particularly efficient in the processing of thick-walled regrind.



Left: Mark Langenhof is delighted with the efficiency of the new INTAREMA® RegrindPro® system for regrind recycling. Right: the modern company premises of Rodepa Hengelo in the Netherlands where three EREMA systems are now in operation.

The Dutch recycling company has an EREMA system from 2011, a new INTAREMA® 1714 TVEplus® from 2014 (both for post-industrial) as well as an INTAREMA® 1714 TVEplus® RegrindPro® (for post-consumer) which was shipped in 2015. These machines were joined by another one at the end of 2015: an INTAREMA® 1714 TVEplus® with double filter system. Managing Director Mark Langenhof lists the reasons why Rodepa is committed to EREMA: "The systems have a very high quality. They are stable, offer good capacity and can process films and nonwovens directly. This is exactly what we need to meet the requirements of our customers. Plus EREMA is a reliable recycling partner who you can develop with."

Individual applications

According to Mark Langenhof the challenge of recycling is to produce good recycled pellets consistently. The recycled pellets produced by Rodepa are supplied to extrusion and injection moulding companies and film producers throughout Europe and for the production of panels, pipes,

films, battery casings, plant pots, plant trays and for compounding. This shows that every customer has individual requirements, for example in terms of mechanical properties, impact strength, viscosity and density. With the help of EREMA's technology Rodepa is able to adapt flexibly to these specific requirements. A highlight here in the recycling of regrind is the new RegrindPro® system which processes a particularly broad range of input materials to make such specific recycled pellets.

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