

Materials

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Kunststoffe international

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Materials

Wireless charging with polyamide

In inductive charging using an electromagnetic field, energy exchange takes place between an induction coil positioned on the ground and a receiver coil mounted on the underside of the vehicle. RadiciGroup collaborated with Shanghai Wanji Electronic Technology in the development of a wireless charging system, assisting the manufacturer in the choice of polyamide-based plastic compound, process simulation and component design.

Improving IR properties of agricultural films

Greenhouses create an optimal climate for plant growth and enable earlier harvests and longer growing seasons. The light transmission of the films used should be as high as possible in the photosynthetically active range while a good thermal barrier effect is desired in the infrared range. Fine-particle mineral fillers are used as additives to specifically improve the heat retention capacity without noticeably reducing the transmission in the photosynthetically active range. Good results can be achieved with Neuburg Siliceous Earth.

And more topics

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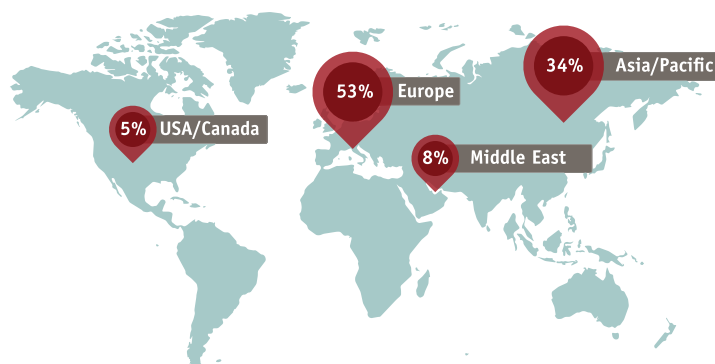


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* distributed to more than 2,000 top executives in the plastics industry and at important trade fairs worldwide.

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Senior Sales Manager:

Jeanette Rober · Tel.: +49 89 99830-301 · jeanette.rober@hanser.de

Media Kit: www.hanser-mediacycenter.de/mediadaten

Sales Manager:

Sandra Strohmaier · Tel.: +49 89 99830-675 · sandra.strohmaier@hanser.de

Tabea Köster · Tel.: +49 89 99830-677 · tabea.koester@hanser.de