

Incorporating renewable carbon in a wide thermoplastic solutions offer

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Mitsubishi Chemical Performance Polymers (MCPPTM), group company of Mitsubishi Chemical, offers customized thermoplastic solutions designed for automotive, Construction, Cable, Consumer, Electronic, Packaging and Medical applications. The portfolio contains high performance compounds, resins and functionalized resins.

MCC is engaged to realize KAITEKI. KAITEKI means “the sustainable well-being of people, society and our planet Earth.” It is an original concept of the MCHC Group that proposes a way forward in the sustainable development of society and the planet, in addition to serving as a guide for solving environmental and social issues.

Aiming to realize KAITEKI means being engaged in various global actions and partnerships such as being one funding member of AEPW (Alliance to End Plastic Waste) or joining Ellen Mc Arthur Foundation CE100, but also propose continuous evolution of its product portfolio to offer sustainable solutions.

MCC and MCPP have been incorporating renewable carbon in its product, either coming from the biomass, or from recycling streams and is proposing various innovative technologies benefiting to the circularity of the carbon :

- Biobased polymers : BioPBSTM, DurabioTM, BenebioTM
- Biobased compounds: Polyesters, Thermoplastic Elastomers, Slush molding PVC powders and PVC compounds
- Biobased filaments for 3D printing
- « Loop TPE » : Thermoplastic Elastomers incorporating up to 70% of PCR/PIR.

The presentation will provide the overview of these complementary MCPP solutions and illustrating key applications and benefits for each of them.