

Where does the loop lead?

The Great INCIRCULAR Plastic Metamorphosis Explained

Name:

Coupling Agent MAH-g-PP (Maleic Anhydride Grafted Polypropylene Wax)

What is it?	MAH-g-PP is a functionalized polypropylene wax that acts as a compatibilizer and coupling agent, improving interfacial adhesion between otherwise incompatible materials.
What is it made of?	It is based on polypropylene (PP) wax chemically grafted with maleic anhydride (MAH) groups, which introduce polar functionality onto a non-polar polymer backbone.
What is it for?	It is used to enhance compatibility and adhesion between recycled PP and post-waste consumer fibres. It improves mechanical properties, dispersion, and overall material performance.
At what stage of the recycling process is it located?	It is typically added during the extrusion compounding stage of recycling, where recycled PP and fibres are reprocessed and modified to improve its properties for further use.

