



Glyphosate Containers Recycling

SUSTAINABLE PROCESS FOR RECYCLING PLASTIC GLYPHOSATE CONTAINERS

KEY WORDS

AGROCHEMICAL
PLASTIC RECYCLING,

GLYPHOSATE
CONTAINER
DECONTAMINATION,

SUSTAINABLE PLASTIC
REPROCESSING

DESCRIPTION

One-step, continuous and low cost process for recycling glyphosate plastic containers. Includes glyphosate deactivation during the grinding step. The reprocessed plastic pellets do not contain residual glyphosate. This technology, environmentally friendly, adds value to this waste stream.

POTENTIAL BENEFITS OR IMPACTS

One-step process
Easy and practical to operate
Safe for workers
Sustainable benefits
High quality recycled resin
Added value to plastic waste
Market expansion for recycled plastic waste

TECHNOLOGY MATURITY LEVEL (TRL)

TRL 6: demonstration in a relevant environment

AREA OF APPLICATION

Agrochemical plastic waste management
Recycling glyphosate containers

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