IrgaCycle™ PS 032 G

Tailored for improved processing and long-term thermal stabilization of heavily degraded polyolefins recyclates

Characterization
IrgaCycle™ PS 032 G is an additive composition of stabilizers to improve processing and long-term thermal stability of recycled polyolefin recyclates, that show heavy degradation or were the initial plastic was exposed to aggressive substances like acids.

CAS number
Preparation

Applications
Tailored for strongly degraded recycled PP and HDPE materials, e.g., from long term applications or materials with exposure to aggressive substances like acids (e.g., battery cases)

Suitable for addition into re-granulation or conversion steps

Features/benefits
Enables smooth blending of recyclate with virgin material
Can reduce odor development originating from degradation
Tailored to balance out ineffective stabilization systems
Re-establishes process stability and enhances melt flow properties
Outperforms standard stabilizer systems which may be inactivated when exposed to aggressive substances

Product forms
White to greyish granules

Guidelines for use
Depending on the residual stabilizer content, quality, and oxidation state of the recyclate material, IrgaCycle® PS 032 G is recommended in quantities from 0.2 to 1.0 %.

Physical properties
Bulk density: approx. 570 g/L

Health & Safety
Detailed information on handling and any precautions to be observed in the use of the product(s) described in this leaflet can be found in our relevant health and safety information sheet.
Notes

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