

IrgaCycle[®] PS 032A G

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

May 2024 | [Data Sheet](#) | First Edition

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Characterization	IrgaCycle [®] PS 032A G is an additive composition to improve processing and long-term thermal stability of polyolefin recyclates that show heavy degradation, or where the initial plastic was exposed to aggressive substances like acids.	
CAS number	Proprietary	
Applications	Tailored for strongly degraded PP and HDPE recyclates, e.g. from long term applications or materials with exposure to aggressive substances like acids (e.g. battery cases)	
Features / benefits	<ul style="list-style-type: none">Helps to increase post-consumer recycle content in final plastic articleSuitable for addition during re-granulation or conversion stepsInactivates degradation products from previous use cyclesCan reduce odor development originating from degradationTailored to balance out consumed stabilization systemsRe-establishes process stability and enhances melt flow propertiesOutperforms standard stabilizer systems which may be inactivated when exposed to aggressive substances	
Product form	White to off-white rod-like granules	
Guidelines for use	Depending on the residual stabilizer content, quality, and oxidation state of the recycle material, IrgaCycle [®] PS 032A G is recommended in quantities from 0.2 to 1.0 %.	
Physical Properties	Bulk Density	604 g/l

Handling & 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 safety data sheet.

Note

The descriptions, designs, data and information contained herein are presented in good faith and are based on BASF's current knowledge and experience. They are provided for guidance only, and do not constitute the agreed contractual quality of the product or a part of BASF's terms and conditions of sale.

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