

IrgaCycle™ XT 034 DD

Tailored for processing and long-term thermal stabilization of contaminated, recycled polyolefins

September 2021 | Data Sheet | First Edition

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™ = registered trademark of BASF SE

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| Characterization | IrgaCycle™ XT 034 DD is an additive composition of stabilizers designed to improve processing and long-term thermal stability of highly contaminated recyclates |
| CAS number | Preparation |
| Applications | <p>IrgaCycle™ XT 034 DD is tailored for post-consumer and post-industrial polyolefin recyclates, which contain high amounts of incompatible contaminants, fillers or pigments.</p> <p>It is also well suited for PP/EPDM regrinds contaminated with paint residues (e.g. TPO bumper scrap) or Polycarbonate (PC)/polyester blends contaminated with paint residues (e.g. PC/PBT bumper scrap)</p> |
| Features/benefits | <p>Neutralizes residual paint particles, fillers, and carbon black to enable better processability and reduce undesired side reactions.</p> <p>Provides stable melt flow properties, enhanced long-term thermal stability for improved mechanical properties</p> <p>Upgrades recyclates from automotive applications for reintegration into initial application</p> <p>Easy-to-handle product form</p> |
| Product forms | White to greyish granules |
| Guidelines for use | Depending on the residual stabilizer content, quality, and oxidation state of the recyclate material, IrgaCycle™ XT 034 DD is recommended in quantities from 0.5 to 2.0 %. |
| Physical properties | Bulk density: approx. 680 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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