

PRE-PRG™ C270

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| Ecological purging compound for commodity and technical polymers | Suitable polymers: | PE, PP, TPE, PS, ABS, PBT, PA, POM, SAN, biopolymers |
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PRE-PRG™ C270 is a highly efficient polymer purging compound based on recycled polymer. PRE-PRG™ C270 does not include any chemical cleaning additives and therefore there is no need to stop the machinery during purging.

Suitable for extrusion and injection molding.

For optimal cleaning results, filling the screw to maximum and using maximum safe pressure is recommended. Removal of filter packs is recommended to avoid excess pressure.

Processing temperature 160 – 270 °C. Overheating may cause thermal degradation of the compound and formation of fumes. The product is pre-dried and can be used as such.

If the machine needs to be disassembled after using PRE-PRG™ C270, flushing it with natural HDPE is recommended for easier removal.

Material properties

| | Unit | Standard | Value |
|----------------------------|----------|---------------------------|-------|
| Physical properties | | | |
| Specific gravity | g/cm³ | | 1.7 |
| Melt Flow Index | g/10 min | ISO 1133 (190 °C / 10 kg) | 0.4 |
| Color | | | Grey |

PRE-PRG™ is REACH and RoHS compliant.

Packaging

PRE-PRG™ C270 is supplied in granule form, packed in 25 kg polyethylene valve bags (1000 kg) on one-way pallet. The product can be stored up to one year in normal storing conditions.

The information in this datasheet represents typical values obtained by us and shall not be regarded as a product specification. The right to make any changes to the content and appearance of this document is reserved by Premix Oy. We condition that the product will be inspected and qualified by the customer for their process to meet the specific requirements set by application, processing equipment and the end product. The user of this product is held responsible for the evaluation of this product's suitability concerning applied legislation and possible patent infringements. We do not intentionally add or incorporate hazardous substances in our production.

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