

Addcomp ADD-VANCE® NU 559 Nucleation masterbatch, PP based

Category : Other Engineering Material , Additive/Filler for Polymer , Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Fields of application: Extruded and injection molded articles made from PP and PE resins.Examples: Extruded sheets, films, tapes and blow molded, compression molded and injection molded articles, such as automotive parts, appliances and closures.Mode of action and advantages: ADD-VANCE® NU 559 contains a very effective nucleating agent that outperforms traditional nucleation agents like talc and benzoate salts. Nucleating agents increase the crystallization rate of and the number of spherulites in the polymer. A faster crystallization rate allows for higher productivity in molding and extrusion processes. An increased number of spherulites in the polymer improves the stiffness and heat deflection temperatureAdvantages: The product combines unique shrink characteristics, physical properties balance and crystallization effects to improve performance in manufacturing speed, product performance and part specification compliance; Improved clarity in LLDPE and PP film; Improved product isotropy provides low warpage; Better stiffness/impact balance; High Vicat T and low CLTE; No taste or odor; Non-sticking pellets, dust free dosing; and Safe and easy handling.Regulations: ADD-VANCE® NU 559 is suitable for food contact applications.Information provided by ADDCOMP

Order this product through the following link:

http://www.lookpolymers.com/polymer_Addcomp-ADD-VANCE-NU-559-Nucleation-masterbatch-PP-based.php

| Physical Properties | Metric | English | Comments |
|---------------------|--------------------|------------------------------------|----------|
| Bulk Density | 0.500 - 0.650 g/cc | 0.0181 - 0.0235 lb/in ³ | |

| Processing Properties | Metric | English | Comments |
|------------------------|-----------|-----------|----------|
| Processing Temperature | <= 300 °C | <= 572 °F | |

| Descriptive Properties | Value | Comments |
|------------------------|--------------------------|----------|
| Appearance | White/off-white granules | |
| Dosing Level | 2.5-5% | |

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