

Milliken®

Hyperform® HPN-600ei

Nucleating Agent for Polypropylene

Technical Data

Overview

Hyperform® HPN-600ei is a nucleating agent designed for polypropylene molding and extrusion applications. Its high flexural modulus, fast crystallization rate, isotropic shrinkage and excellent aesthetics make it an ideal nucleating agent for thermoformed articles, allowing for improved processing speeds, physical properties and part aesthetics. Polypropylene nucleated with Hyperform® HPN-600ei offers material substitution options for processors using other clear materials such as OPS or PET.

Applications

Thermoforming, Injection Molding, Extrusion Blow Molding

Properties

Melting Point	Nucleating agent stable up to 400°C
Bulk Density	0.40 g/cc
Appearance	Free flowing powder
Handling/Safety	Please see MSDS
Particle Size	d95<20 microns

Regulatory

Broad chemical registrations. See representative or website for details.

Guidelines

Use levels of 400 - 1000 ppm are recommended for extrusion applications. This may vary by resin type and customer requirements. Twin screw extrusion is recommended. Please see your representative for details.

Specification

Please contact your Milliken representative. Please refer to product COA for official specifications.

PLEASE NOTE: As each customer's use of our product may be different, information we provide, including without limitation, recommendations, test results, samples, care/labeling/processing instructions or marketing advice, is provided in good faith but without warranty and without accepting any responsibility/liability. Each customer must test and be responsible for its own specific use, further processing, labeling, marketing, etc. All sales are exclusively subject to our standard terms of sale posted at www.milliken.com/terms (all additional/different terms are rejected) unless explicitly agreed otherwise in a signed writing.

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