

Plastics Newsletter

Always a better solution.



Greetings!

In this month's newsletter, we discuss **MG-Guard™ UV-531** - a solid benzophenone UV absorber; **GCH Technology's** Nucleating Agent, NAA-613; and new product names that are being introduced for some products following the business Performance Materials transition from **Croda to Cargill**

Also featured in this newsletter:

[Download Supply Chain and Logistics Report](#)

The report provides current market cost and service performance information.



[Download Monthly Commodities Report](#)

The report tracks select raw materials and currencies allowing you to gain a better understanding of some of the key cost drivers in our industry.



Plastic Products Spotlight

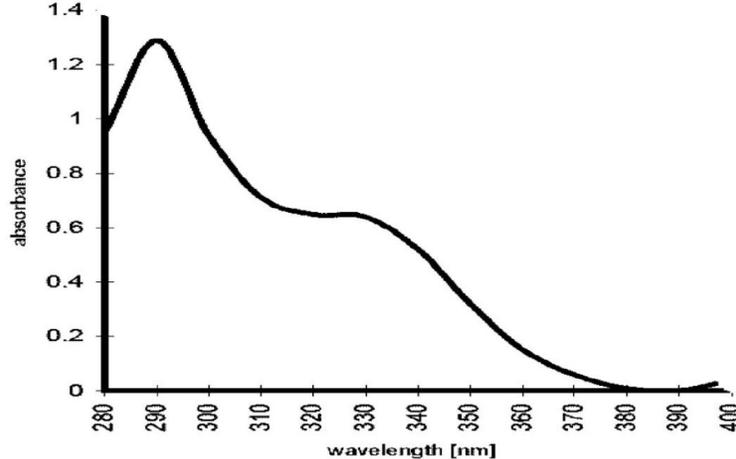
Proven UV Protection for Polyolefins, Styrenics and PVC : MG-Guard UV-531

MG-Guard™ UV-531 is a solid benzophenone UV absorber that is especially effective at absorbing higher energy UV-B radiation. This absorber imparts colorfastness, protection against surface crazing, and retention of physical properties during ultraviolet exposure to a number of polymer systems, including: polyolefins (PE, PP) and rubber-modified polyolefins (TPO, TPV), styrenics (ABS, SAN, ASA, PS) rigid/flexible PVC, TPU, and EVA, among others.

Features & Benefits:

- Strong UV-B absorption for especially sensitive pigments or polymers
- Low initial color
- Low melting point affords facile processing and dispersibility
- Excellent synergy with hindered amine light stabilizers (HALS)





MG UV-531 Absorption Spectrum

Samples are available. Contact your Barentz Account Manager today at 440-937-1000, marketing@barentz.us, or visit our [website](#).

Let Barentz Help you Increase the Stiffness/Impact Balance of Polypropylene Parts with the Latest Generation Nucleating Agent, NAA-613

Barentz is introducing NAA-613, manufactured by **GCH Technology**, to customers looking for a highly effective stiffening nucleator for polypropylene, with excellent thermal stability, chemical inertia, dispersity, especially suitable for nucleating modification of polypropylene. By increasing the crystallization temperature and crystallization speed, smaller and more uniform spherulites are formed, thus improving the mechanical properties, optical properties and thermal properties of the final products. NAA-613 is used in automotive, appliances, pipe extrusion and closures produced in a broad range of processes including injection molding, thermoforming, extrusion blow molding, rotomolding and blown film extrusion.



Features & Benefits:

- Increased rigidity, bending modulus and tensile strength of polypropylene products
- Significantly improve gloss
- Higher heat deflection temperature and dimensional stability
- Faster injection molding cycle time, improve production efficiency.

Comparison of Neat and Nucleated HPP, MI=60g/10min PP

Property	Units	Neat	NAA-613
Flex Mod	kPa	1510	1950
Tensile Yield	MPa	35.8	39.0
Impact Strength	kJ/m ²	2.1	2.1
HDT	Deg C	91.2	115.2
Crystallization Temp	Deg C	120.3	133.2
Haze	% transmit	65.3	35.6
Yellow Index	YI	-3.5	-3.7

Samples are available. Contact your Barentz Account Manager today at 440-937-1000, marketing@barentz.us, or visit our [website](#).

CRODAMIDE Changing to OPTISLIP - Introducing New Cargill Product Names for Well-Known Products

New product names are being introduced for some products following the business Performance Materials transition from Croda to Cargill, which started in July, 2022. These changes do not affect the technical specifications or manufacturing lines on which they are produced.



The trade names involved in this re-branding are provided below.

Previous Trade Name	New Trade Name
ZEPHYRYM	SYNPATICO
CRODAMIDE	OPTISLIP
SP PRIOLUBE	PRIOLUBE
CRODACID	PRIACID
SP ATMER	ATMER
HYPERMER	CELEVIDA
SPAN	PLUVIAS
TWEEN	PLUVIA T

Barentz will be working with customers to migrate their product information and existing orders at the appropriate time over the next 2 months.

Contact your Barentz Account Manager at 440-937-1000, www.barentz-na.com, or marketing@barentz.us for more information.

Meet Barentz Plastics

Watch this video to learn why Barentz is a world-class leader in the Plastics industry.

Bring your challenges to us and see if we can truly find a better solution for you. [Click for Video](#)





Follow Barentz CASE & Plastics on LinkedIn!

Follow us on LinkedIn to learn more about our full portfolio of specialty chemicals for the coatings, adhesives, sealants, elastomers, and plastics markets.



Trade Show Calendar - Meet with Barentz Plastics

- **CAD Retec** - September 18-20, 2023 - Columbus, Ohio
- **SPE Auto TPO** - October 1-4, 2023 - Troy, Michigan
- **Compounding World** - November 15-16, 2023 - Cleveland, Ohio

Plastics Resources



Plastics Product Guide

Specialty additives and pigments for Plastics

[Download our Plastics Product Guide](#)

"Pass the Risk"

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At Barentz we have a passion to deliver better life science ingredients and specialty chemical solutions to our customers around the world. Driven by the powerful blend of knowledge, entrepreneurship and partnership we anticipate and act on future challenges and developments.

Barentz.

Always a better solution.

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