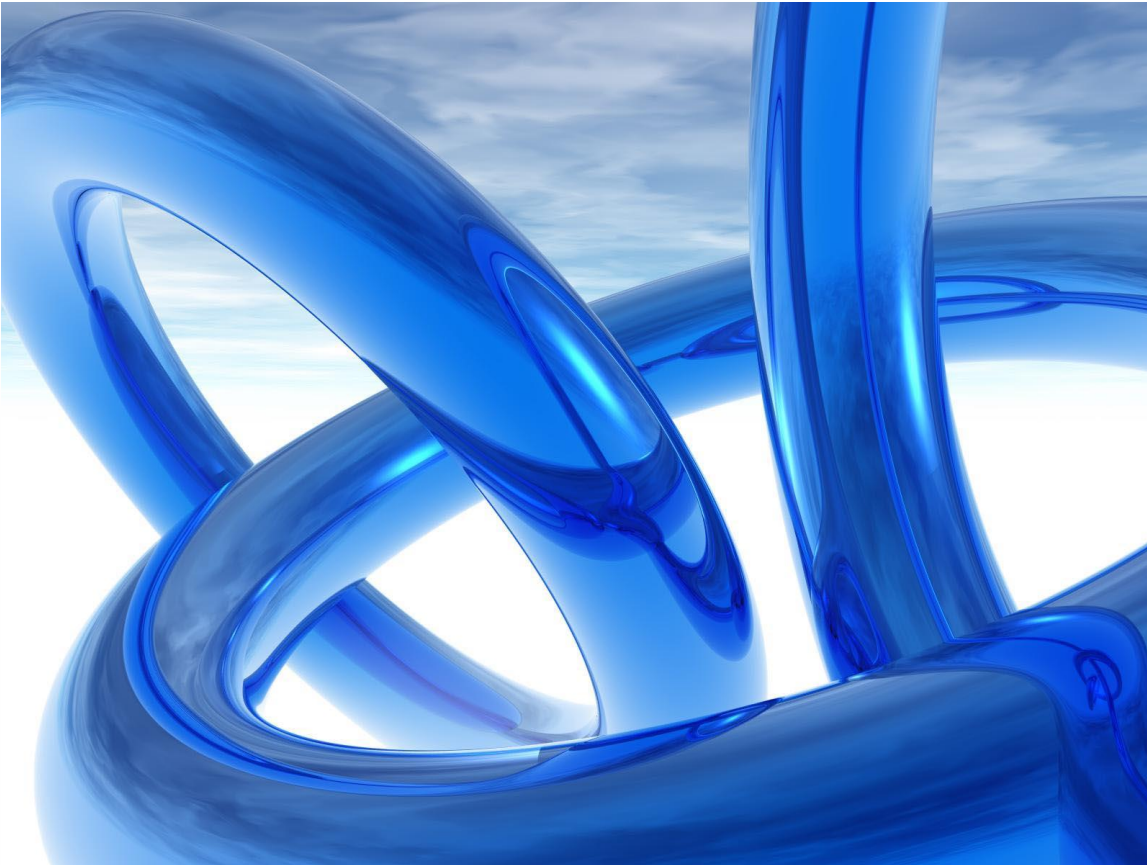
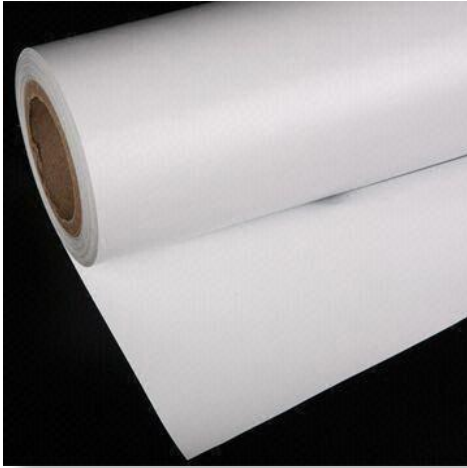

Delusterant / Matte Finish Additives



Matte finish additives provide a unique surface appearance that pushes the boundaries of how plastic looks and feels.

Summary

Matte finish/delusterant concentrates are designed to provide aesthetic improvement by aggressively reducing gloss in flexible applications. These additives disrupt the status quo associated with glossy, plastic film.



Product Overview

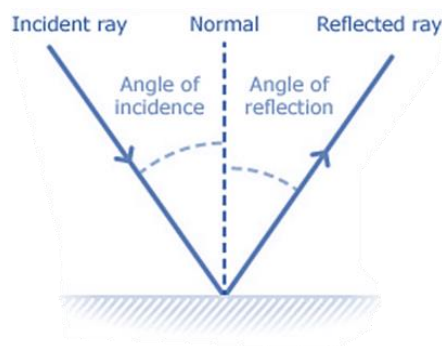
Delusterants for PE Films are engineered to create a matte effect similar to paper or flat paint via diffuse reflection. They achieve this by microscopically disrupting the surface of the film and in doing so change the direction in which light is reflected. This new approach on flexible packaging provides a combination of luxury and extravagance not typically seen on display. This unique effect is not limited to only cosmetic benefits but can also be used to provide added functionality to plastic where minimizing glare or reflection is paramount to the end application.

Ampacet MATIF products are matte finish additives designed specifically for the **BOPP** market to yield consistent and uncontested levels of gloss reduction. The extensive **MATIF** product line consists of various formulations tailored to your specific BOPP application and film structure. Consult your technical service engineer for more information regarding your application and how MATIF can bring value to your product.

Features and Benefits

- Creates unique visual appeal
- Adds tactile feel to film
- More natural look to film
- Low abrasion material
- Good printability
- Differentiates itself from the others
- Less detrimental to product and process than traditional inorganics

Glossy / Mirror Reflection



Diffuse Reflection



Products/Codes

Production Code	Application	LDR	FDA
10799-A	PE blown and cast film applications requiring low gloss and smooth surface finish.	5.0-40%	YES
1000041-N	PE blown and cast film applications demanding the lowest gloss. Adds subtle tactile feel.	5.0-40%	YES
Ampacet MATIF	Biaxially Oriented Polypropylene, used as a compound in skin layers	100%	YES

*Consult your Ampacet Account Executive for BOPP recommendations for Ampacet MATIF product line.

Performance Data Details

- The level of masterbatch is greatly influenced by the gloss level of the final application.
- PE usage levels vary, but traditional LDR's include 5-10% or greater for the desired effect.
- Ampacet MATIF products are used at a 100% LDR in the skin layer of coex BOPP film.



For more information on **Matte Finish Additives**, its uses and complete Regulatory Status, contact your Ampacet Account Executive or visit www.ampacet.com.

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Ampacet Website: www.ampacet.com

Global Regional Headquarters:

Ampacet North America: 660 White Plains Road, Tarrytown, NY 10591-5130

Ampacet South America, S.A.: Dardo Rocha 2454 – 2o Piso, (B1640FTH) San Isidro, Buenos, Aires, Argentina

Ampacet Europe, S.A.: Zoning Industriel Riedgen, L-3451 Dudelange, Luxembourg

Ampacet Asia: Eastern Seaboard Industrial Estate (Rayong), 64/19 Moo 4, Highway 331, Pluakdaeng, Rayong 21140

