



# Biostrength<sup>®</sup> 280

## 透明耐衝撃改質剤

### 製品特徴

Biostrength<sup>®</sup> 280は、透明度を維持しながらPLAの靱性を高める為 設計されたアクリルコアシェル衝撃改質剤です。

### 基本物性

物質的形態	白い粉末
かさ密度	0.47 g/cc
粒子サイズ	15% Max on 50 Mesh
揮発性物質	1.0% Max

### 製品の利点

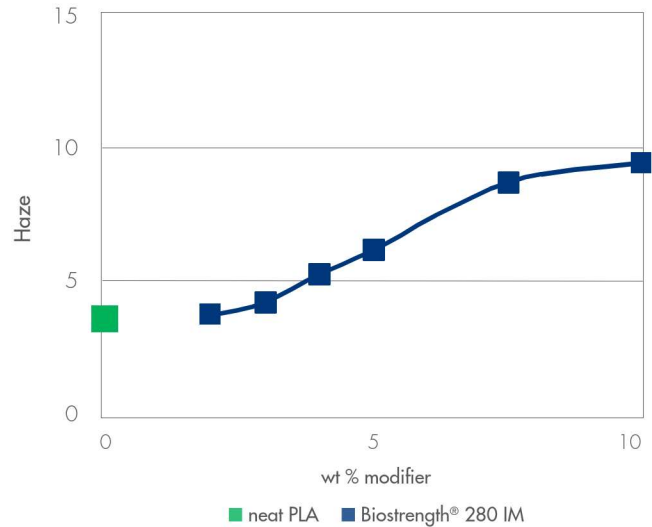
#### 耐衝撃性

Biostrength<sup>®</sup> 280は、押出、カレンダー加工、ブロー成形、真空成型された製品の耐衝撃性を高めます。

#### 光学特性

Biostrength<sup>®</sup> 280は、推奨される環境下において、ヘイズを低減します。

Haze 15 mil sheet



### ご使用にあたって

Biostrength<sup>®</sup> 280は、靱性と高い透明性を必要とする用途向けに開発されました。

一般的に、重量辺り、2%から6%の範囲の添加量です。Biostrength<sup>®</sup> 280とPLAを混ぜて頂き、PLA単体で推奨される同じ処理条件で成形できます。

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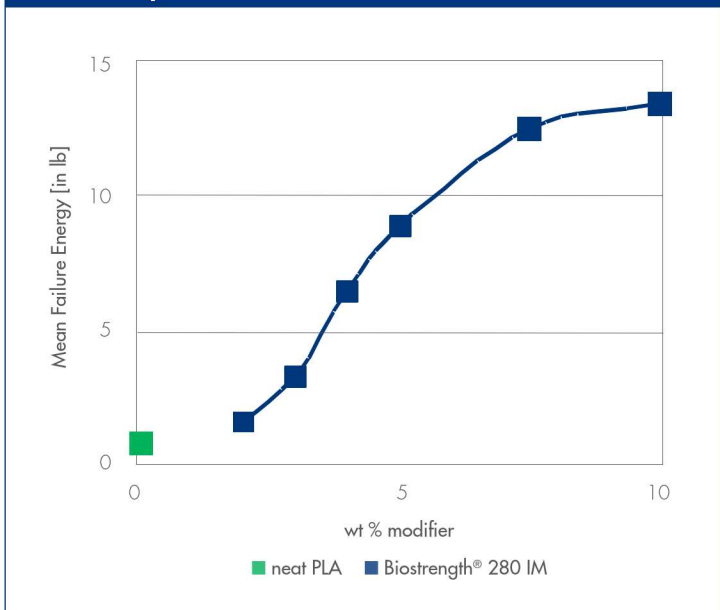
### 包装

Biostrength<sup>®</sup> 280は、18kgのバッグに梱包されます。

### マスターバッチ情報

Biostrength<sup>®</sup> 280は、PLAのマスターバッチとして提供できません。詳細については、ARKEMAアカウントマネージャーお問い合わせください。

Gardner Impact 15 mil sheet



## ENVIRONMENTAL AND SAFETY INFORMATION

BEFORE HANDLING THIS MATERIAL, READ AND UNDERSTAND THE MSDS (MATERIAL SAFETY DATA SHEET) / SDS (SAFETY DATA SHEET) FOR ADDITIONAL INFORMATION ON SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION.

The MSDS/SDS are available on our Website [www.arkema.com](http://www.arkema.com) or upon request at our Customer Service Department at +1(800) 331 7654 in the US, and at +33 (0)1 4900 8837 in Europe. Arkema believes strongly in Responsible Care® as a public commitment.

## MORE TECHNICAL INFORMATION AVAILABLE

Ask your Arkema account manager for further information on high quality Arkema additives for use in PVC, PC, PBT, ABS, PLA and other polymer systems. Arkema produces a full line of impact modifiers, processing aids and epoxidized vegetable oils. In addition, Arkema's Technical Service staff is also available to assist compounders and processors with formulation and processing advice.

### Durastrength® Impact Modifiers

Durastrength® acrylic impact modifiers deliver outstanding impact characteristics for outdoor durable applications in PVC and Engineering Resins.

### Plastistrength® Process Aids

Plastistrength® process aids offer producers a complete line of melt strengtheners and metal release agents for PVC and Engineering Resins. Plastistrength® process aids can improve fusion, surging, and aesthetics.

### Clearstrength® Impact Modifiers

Clearstrength® MBS impact modifiers are designed for extreme impact or impact/clarity combination in PVC and Engineering Resins.

### Biostrength® Additives

The Biostrength® product line of impact modifiers, melt strengtheners and metal release agents are designed to improve properties and enhance processability of polylactic acid (PLA) and other biopolymers compounds.

### Vikoflex® Epoxy Plasticizers

The Vikoflex® line of epoxy plasticizers is derived from renewable resources, like epoxidized linseed oil, soybean and tall oil fatty acid esters for applications such as PVC plasticization, acid and mercaptan scavenging, specialty coatings, adhesives & urethanes, reactive diluents, PU flexible foam and intermediates for surfactants and lube & fuel additives.

PATENT NOTICE: Biostrength® 280 acrylic impact modifier is a product of Arkema Inc. The use of Biostrength® 280 acrylic impact modifier may be protected under U.S. patent No. 8,524,832 and/or corresponding foreign patents.

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