



Biostrength[®] 900

Metal Release Agent

PRODUCT DESCRIPTION

Biostrength[®] 900 acrylic copolymer improves metal release and enhances processability of polylactic acid (PLA).

TYPICAL PHYSICAL PROPERTIES

Physical Form	White Powder
Specific Gravity	1.13
Bulk Density	0.45 g/cc
Particle Size	2% Max on 40 Mesh
Percent Volatiles	1.2% Max

PRODUCT BENEFITS

Optical Properties

Biostrength[®] 900 copolymer maintains high clarity in PLA at recommended use levels.

Metal Release

Biostrength[®] 900 copolymer promotes metal release of PLA for improved processing during extrusion, calendaring, blow molding, thermoforming and foaming.

SUGGESTIONS FOR USE

Biostrength[®] 900 copolymer is recommended for use in PLA for applications where improvements in metal release and ease of processability are desired. Typical use levels range from 1% to 5% by weight. Prospective clients should evaluate Biostrength[®] 900 copolymer in their own laboratories to establish optimum conditions for use in their processes and applications. Arkema's Technical Service Team is available to discuss your application requirements, provide formulation guidance and laboratory testing as needed.

PACKAGING

Biostrength[®] 900 copolymer is packaged in 18 kg bags.

MASTERBATCH INFORMATION

Biostrength[®] 900 copolymer can be supplied as a masterbatch in PLA. Contact your Arkema account manager for more information.

PLA ON A TWO ROLL MILL AT 160°C



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 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.

FOR MORE INFORMATION CONTACT

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