

# Plastistrength<sup>®</sup> 562

## Acrylic Process Aid

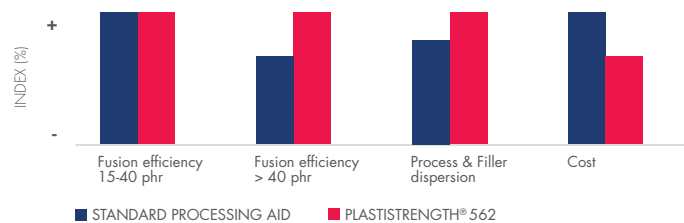
### PRODUCT DESCRIPTION

Plastistrength<sup>®</sup> 562 process aid is a high molecular weight acrylic process aid providing high melt strength combined with optimum PVC fusion promotion effect. Plastistrength<sup>®</sup> 562 process aid has been especially designed to improve filler dispersion in rigid PVC applications.

### TYPICAL PHYSICAL PROPERTIES

Physical Form	White Powder
Specific Gravity	1.11
Bulk Density	0,5 g/cm <sup>3</sup>
Particle Size	2% retained on 40 mesh
Percent Volatiles	1% by weight

### PRODUCT BENEFITS



### FILLER DISPERSION

Thanks to its high molecular weight and innovative composition, Plastistrength<sup>®</sup> 562 process aid delivers optimum melt strength and fusion behaviour to rigid PVC formulations. This allows for better dispersed particles within the PVC matrix, which improves mechanical properties as well as the surface finish quality.

### FORMULATION COST

Because of its high molecular weight and unique composition, Plastistrength<sup>®</sup> 562 process aid offers an optimized compromise between performance and formulation cost. Compared to standard process aids, Plastistrength<sup>®</sup> 562 process aid allows significant dosage reduction.

### POWDER PROPERTIES

Plastistrength<sup>®</sup> 562 process aid leverages Arkema expertise on optimization of additive powder properties for use in PVC processes.

### SUGGESTION FOR USE

Plastistrength<sup>®</sup> 562 process aid is particularly recommended for vinyl siding, window sills, wall panels, pipes and any other kind of rigid PVC application.

Customers should evaluate Plastistrength<sup>®</sup> 562 process aid in their own laboratories to 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

Plastistrength<sup>®</sup> 562 process aid is packaged in 20 kg bags (500 kg per pallet), and 500 kg bulk bags (1000 kg per pallet).

## 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. 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

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.

## FOR MORE INFORMATION CONTACT

Please contact your local account manager or our headquarters:

### In Europe:

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