

Durastrength[®] 527

Multifunctional Acrylic Impact Modifier

PRODUCT DESCRIPTION

Durastrength[®] 527 is a high performance, highly efficient impact modifier designed for use in window profiles, capstock solutions, and other weatherable vinyl applications. Durastrength[®] 527 enables a broad processing window and best-in-class impact strength based on efficiency.

TYPICAL PHYSICAL PROPERTIES

Physical Form	White Powder
Specific Gravity	1.1
Bulk Density	0.48 gm/cc
Particle Size	15% Max on 50 Mesh
Volatiles	1.2% Max

PRODUCT BENEFITS

1. Durastrength[®] 527 delivers industry-standard impact/mechanical strengths at significantly lower loading levels (see Figure 1) compared to other Durastrength[®] impact modifiers or a typical competitive product.

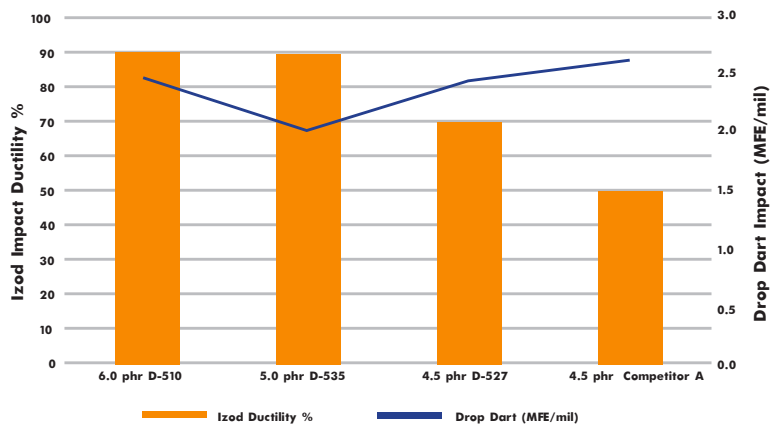


Figure 1. Impact Modier Mechanical Performance

2. Formulations incorporating Durastrength[®] 527 impact modifier meet or exceed industry standards for weathering performance. Figure 2 details QUV data comparing Durastrength[®] 527 to other Durastrength[®] impact modifiers as well as a typical competitive product. Performance is consistent across all technologies and rubber content.

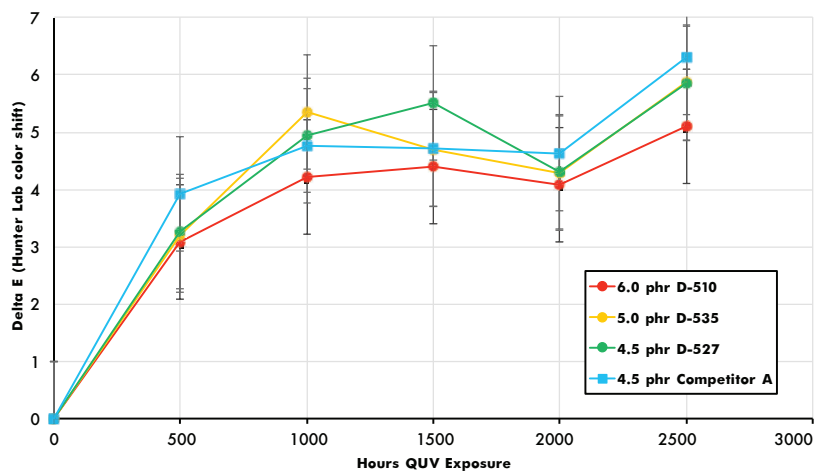


Figure 2. QUV Weathering Data (2500 Hours)

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. 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

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