

DuPont™ Entira™ AS 500

Ionomer

DuPont Packaging & Industrial Polymers

Message:

DuPont™ Entira™ AS 500 is an extremely hygroscopic ionomer resin that is supplied as free-flowing pellets.

Uses:

Film

Industrial Applications

Packaging

Features

Entira™ AS 500 is used to lower the static decay time and surface resistivity of LDPE, LLDPE and other polymers.

Characteristics / Benefits:

Entira™ AS 500 can be precompounded or dry blended into polymers for extrusion, molding, or various other processing methods

Applications:

Antistatic agent for polyolefins and other polymers, in films, moldings and extruded forms

General Information			
Additive	Antistatic property		
Uses	Packaging		
	Films		
	Industrial application		
	Mixing		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.00	g/cm ³	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	8.0	g/10 min	ASTM D1238, ISO 1133
Thermal	Nominal Value	Unit	Test Method
Melting Temperature (DSC)	92.2	°C	ASTM D3418, ISO 3146
Additional Information	Nominal Value	Unit	
Processing Temperature - Maximum	250	°C	

General Processing Information:

Entira™ AS 500 is a hygroscopic material. To minimize exposure to moisture, any remaining material should be hermetically sealed in a barrier package immediately after use, removing as much air from the package as possible.

In order to reuse remaining material that has been hermetically sealed, the material should be dried under vacuum with a nitrogen flow at a maximum of 60C (140F) for several hours prior to use. Alternately use of a dessicated air drier with a dewpoint of the air at -40C (-40F) may be possible to use.

Maximum air drying temp of 60C.

Entira™ AS 500 is available in pellet form for use in conventional equipment for processing polyolefins. It can be fed together with base polymers and other additives in the hopper during processing. Typical addition levels range from 10% to 20%.

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

