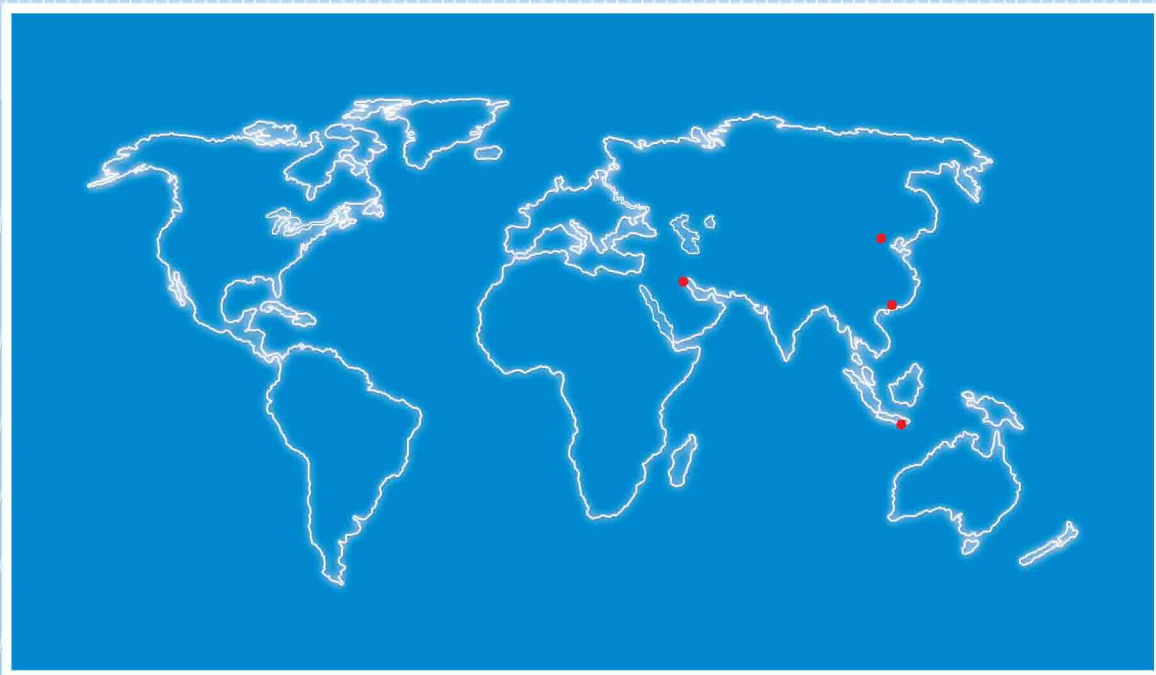


All around you.

EGDA-6888

HDPE Film Extrusion Resin



DESCRIPTION

EGDA-6888 is a high molecular weight high density polyethylene copolymer that has been designed specifically for tubular film extrusion. Its broad molecular weight distribution and density have been optimized to give excellent bubble stability with high film strength and rigidity. The combination of high strength and excellent drawdownability makes EGDA-6888 ideal for downgauging in many applications..

APPLICATIONS

Tubular films produced from EGDA-6888 are recommended for high strength grocery sacks, shopping bags, produce bags and high quality thin films for multiwall sack liners. Film have excellent treatability and they are ideally suited for printing of high quality graphics.



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TYPICAL PROPERTIES

Properties		Units	Test Method	Typical Value
Resin Properties				
Melt Flow Index, I _{21.6}		g/10 min	ASTM D 1238	10
Density		g/cm ³	ASTM D 1505	0.952
Melting Point		°C	EQUATE	131
Blown Film Properties				
Dart Impact, F ₅₀		g	ASTM D 1709 A	170
Elmendorf Tear	MD TD	g	ASTM D 1922	11 60
1% Secant Modulus	MD TD	MPa	ASTM D 882	1050 1100
Tensile Strength @ Break	MD TD	MPa	ASTM D 882	60 57
Elongation @ Break	MD TD	%	ASTM D 882	380 550

* Film properties are typical of 15 micron blown films extruded at 4:1 blow-up ratio (BUR), 215°C melt temperature.

ASTM: American Society for Testing and Materials

Values shown are typical and not to be construed as specification.

TYPICAL PROCESSING CONDITIONS

EGDA-6888 can be extruded on conventional HDPE blown film equipment at 215°C melt temperature.

A 4:1 BUR and high stalk bubble configuration are recommended.

FOOD CONTACT USAGE

Food contact suitability certificates are available upon request.

AVAILABILITY

EGDA-6888 is supplied in 25-Kg bags in secured pallets of 55 bags (1.375 MT net) and in sea bulk containers.

STORAGE AND HANDLING

EGDA-6888 is supplied in pellet form and is readily conveyed on conventional polyethylene bulk handling equipment. The bulk handling system should be designed to prevent accumulation of fines and dust particles that can pose an explosion hazard. Ensure all equipment is properly grounded. The product should be stored in a cool dry shaded area away from dust, sunlight and heat. Also carefully review the **Material Safety Data Sheet (MSDS)** supplied with this product for health, safety and waste considerations.

IMPORTANT NOTICES

XIX. The information supplied in this bulletin to the best of our knowledge is accurate and factual as of the date printed. It is offered solely as a convenience to EQUATE's customers and is intended only as a guide for EGDA-6888. Since the user's specific applications and conditions of use are beyond EQUATE's control, EQUATE makes no warranty or representation regarding results that may be obtained by the user. It shall be the responsibility of the user to determine the suitability of the product for the user's specific application. The information disclosed in this document is not to be construed as a recommendation to use the product in infringement of any patent rights covering the usage.

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- (D) Specifically by pregnant women or in any application designed to promote or interfere with human reproduction.

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