

ATTANE™ 4606G

Ultra Low Density Polyethylene Resin

The Dow Chemical Company

Описание материалов:

ATTANE™4606G ultra-low density polyethylene copolymer is used as the surface layer in the cast film, which has excellent low-temperature thermal adhesion properties, and has excellent tear strength and impact strength. In the processing of stretched films, ATTANE™4606G ultra-low density polyethylene copolymer has excellent stretchability, good physical properties and self-adhesive properties. ATTANE™4606G ultra-low density polyethylene copolymer can be used for co-extrusion processing of blown films. In this processing, ATTANE™4606G ultra-low density polyethylene copolymer is used as a heat seal layer in a multilayer film structure, and is co-extruded with other resins with excellent film bubble stability.

Remarks: When unmodified is applied to the food contact field, ATTANE™4606G ultra-low density polyethylene copolymer meets the regulatory requirements for contact with food substances (FCN) under the U.S. Federal Food, Drug and Cosmetic Act, and its market access notice FCN 741 has been effective since September 28, 2007. The food contact certification notice allows the product to be used as an article or component in the production of articles in contact with food. These food types are described in the U.S. Food and Drug Administration Regulation 21 CFR § 176.170(c) Table -2 of the use conditions A to H. The composition of the product meets the regulatory requirements of EU Directive 2002/72/EC on food contact. Please contact your nearest Dow representative for proof of compliance with the Food Contact Act. Users remain responsible for determining whether the use of their products complies with all relevant regulations.

Application field:

Self-adhesive layer in cast stretched film

Heat seal in cast and blown films

Главная Информация			
Рейтинг агентства	FDA FCN 741		
	Европа без 10/2011		
Формы	Частицы		
Метод обработки	Литая пленка		
Физический	Номинальное значение	Единица измерения	Метод испытания
Удельный вес	0.911	g/cm ³	ASTM D792
Массовый расход расплава (MFR) (190°C/2.16 kg)	3.3	g/10 min	ISO 1133
Пленки	Номинальное значение	Единица измерения	Метод испытания
Толщина пленки протестирована	23	µm	
Энергия прокола пленки (23 µm)	2.80	J	ASTM D5748
Сила прокола пленки (23 µm)	35.0	N	ASTM D5748
Tensile Stress			ISO 527-3
MD: Yield, 23 µm	4.80	MPa	ISO 527-3
TD: Yield, 23 µm	4.50	MPa	ISO 527-3
MD: Break, 23 µm	28.0	MPa	ISO 527-3
TD: Break, 23 µm	25.0	MPa	ISO 527-3
Удлинение при растяжении			ISO 527-3
MD: Break, 23 µm	450	%	ISO 527-3
TD: Break, 23 µm	600	%	ISO 527-3
Ударное падение Dart (23 µm)	180	g	ISO 7765-1/A

