Embrace□?LV Copolyester

Copolyester

Eastman Chemical Company

Описание материалов:

The world's leading shrink film just got better with the introduction of Eastman Embrace™ LV to the Eastman Embrace™ family of resins. LV stands for LOW shrink force and VERSATILE shrink curve. Living up to its name, it demonstrates its versatility with its ability to be produced with 40 to 50% reduction in shrink force, compared with other polyester shrink films and with a shrink curve that is similar to both PVC and OPS while still maintaining ultimate shrinkage greater than 75%. This versatility is achieved by making changes to the extruders manufacturing process. Eastman Embrace™ LV emulates all visually satisfying attributes expected from the current Eastman Embrace™ such as high gloss and clarity.
This product has been GREENGUARD INDOOR AIR QUALITY CERTIFIED®.
The GREENGUARD INDOOR AIR QUALITY CERTIFIED® Mark is a registered certification mark used under license through the GREENGUARD Environmental Institute (GEI). GEI is an industry-independent, non-profit organization that oversees the GREENGUARD Certification Program. The GREENGUARD Certification Program is an industry independent, third-party testing program for low-emitting products and materials for indoor environments. For more information about GEI and to obtain printable certificates for Eastman™ Copolyesters, visit www.greenguard.org. Choose Eastman Chemical Company under the Manufacturer category and click search to display a list of our products.
This product has been CRADLE TO CRADLE CERTIFIED Silver.
The CRADLE TO CRADLE CERTIFIED Mark is a registered certification mark used under license through McDonough Braungart Design Chemistry (MBDC). MBDC is a global sustainability consulting and product certification firm. The CRADLE TO CRADLE® framework moves beyond the traditional goal of reducing the negative impacts of commerce ('eco-efficiency'), to a new paradigm of increasing its positive impacts ('eco-effectiveness'). At its core, Cradle to Cradle design perceives the safe and productive processes of nature's 'biological metabolism' as a model for developing a 'technical metabolism' flow of industrial materials. Product components can be designed for continuous recovery and reutilization as biological and technical nutrients within these metabolisms. For more information about MBDC and to obtain printable certificates for Eastman Copolyesters, visit www.mbdc.com. Choose Eastman Chemical Company under Company Name in C2C Certified products to display a list of our products.

Главная Информация	
Характеристики	Отличная Печатающая способность Высокая четкость Глянцевый Высокая усадка
Используется	Косметическая упаковка Пленка Пищевая упаковка Этикетки Упаковка Фармацевтическая упаковка Термоусадочная пленка
Формы	Гранулы
Метод обработки	Литая пленка

Физический	Номинальное значение	Единица измерения	Метод испытания
Плотность	1.30	g/cm³	ASTM D1505
Цвет			ASTM D2244
a : 50.0 µm	0.020		

b : 50.0 µm	0.38		
L : 50.0 µm	96		
Внутренняя вязкость [1]			Internal Method
23°C, 50.0 µm	0.70		
23°C, 250.0 µm	0.70		
Поверхностное натяжение			
Harmonic Mean, Dispersive : 23°C, 50.0 µm	44	mN/m	
Harmonic Mean, Polar : 23°C, 50.0 µm	3.0	mN/m	
Harmonic Mean, Total : 23°C, 50.0 µm	48	mN/m	
Сопротивление размножению разрыва [2]			ASTM D1938
MD : 23°C, 250.0 µm	34	kN/m	
TD : 23°C, 250.0 µm	37	kN/m	
Tear Strength			ASTM D2582
MD : 23°C, 250.0 µm	51	N	
TD : 23°C, 250.0 µm	62	N	
Максимальная усадка (90 °C, 50,0 мкм)	78	%	

Пленки	**Номинальное значение**	**Единица измерения**	**Метод испытания**
	50		
Толщина пленки протестирована	250	µm	
Сектантный модуль			ASTM D882
MD : 50 µm	2000	MPa	
MD : 250 µm	1900	MPa	
TD : 50 µm	5300	MPa	
TD : 250 µm	1900	MPa	
Прочность на растяжение			ASTM D882
MD : Yield,50 µm	43.0	MPa	
TD : Yield,50 µm	105	MPa	
MD : Break, 50 µm	49.0	MPa	
MD : Break, 250 µm	51.0	MPa	
TD : Break, 50 µm	258	MPa	
TD : Break, 250 µm	50.0	MPa	
Удлинение при растяжении			ASTM D882
MD : Yield, 50 µm	3.0	%	
TD : Yield, 50 µm	4.0	%	
MD : Break, 50 µm	480	%	
MD : Break, 250 µm	4.0	%	

TD : Break, 50 µm	42	%	
TD : Break, 250 µm	4.0	%	
Elmendorf Tear Strength			ASTM D1922
MD : 50 µm	240	g	
MD : 250 µm	700	g	
TD : 250 µm	860	g	
Проницаемость кислорода			ASTM D3985
30°C, 50 µm, 68% RH	3.9	$cm^3 \cdot mm/m^2/atm/24\ hr$	
30°C, 250 µm, 68% RH	7.4	$cm^3 \cdot mm/m^2/atm/24\ hr$	
Скорость передачи водяного пара			ASTM F1249
38°C, 100% RH, 50 µm	25	$g/m^2/24\ hr$	
38°C, 100% RH, 250 µm	6.7	$g/m^2/24\ hr$	
Тепловой	**Номинальное значение**	**Единица измерения**	**Метод испытания**
Температура перехода стекла	71.0	°C	ASTM D1525
Викат Температура размягчения	69.0	°C	ASTM D1525
Оптический	**Номинальное значение**	**Единица измерения**	**Метод испытания**
Блеск			ASTM D2457
60°, 50.0 µm	110		
60°, 250 µm	161		
Коэффициент пропускания			ASTM D1003
Total, 50.0 µm	92.0	%	
Regular, 50.0 µm	87.0	%	
Total, 250 µm	92.0	%	
Regular, 250 µm	89.0	%	
Четкость			ASTM D1746
50.0 µm	98.0		
250 µm	99.0		
Haze			ASTM D1003
50.0 µm	3.8	%	
250 µm	1.4	%	
NOTE			
1.	EMN-A-AC-G-V-1		
2.	Split Tear Method, 254 mm/min		

Свяжитесь с нами

Susheng Import & Export Trading Co.,Ltd.

Телефон: +86-021-58958519

Мобильный телефон: +86-13424755533

Email: sales@su-jiao.com

Адрес: Господин Чжао

Район Фэнсянь, Шанхай, Китай