Optema™ TC 220 ExCo

Ethylene Methyl Acrylate Copolymer Resin

ExxonMobil Chemical

Описание материалов:

Optema TC 220 is an ethylene-methyl acrylate copolymer, which can be used to manufacture alloys, mixed ingredients and compounds that require flexibility and elasticity. It is also an excellent grade suitable for coextrusion coating and extrusion into layers requiring good inner adhesion between polyethylene, polypropylene, nylon, polydichloroethylene or other substrates. Processing conditions: Excellent extrusion coating effect can be obtained in the temperature range of 260°C to 300°C (500 °F - 572 °F). It is recommended that the processing temperature should not be higher than 320°C (608 °F). Optema EMA can be processed on traditional extrusion equipment for extrusion coating low density polyethylene. Its wide range of thermal stability makes it suitable for a wide range of processing conditions. The feed pipe of the extruder should be cooled by water to avoid bridging the feed port.

Главная Информация			
Добавка	Стабилизатор тепла		
Физический	**Номинальное значение**	**Единица измерения**	**Метод испытания**
Массовый расход расплава (MFR) (190°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Содержание метилакрилата	24.0	wt%	ExxonMobil Method
Тепловой	**Номинальное значение**	**Единица измерения**	**Метод испытания**
Викат Температура размягчения	43.0	°C	ASTM D1525

Юридическое заявление

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Инструкции по экструзии

Excellent results are obtained in extrusion coating at 260°C to 300°C (500°F - 572°F) temperature range. Processing temperatures above 320°C (608°F) are not recommended. Optema EMA can be processed on conventional extrusion equipment designed for extrusion coating LDPE. Their broad thermal stability range offer wide processing conditions window. Water cooling of extruder throat is preferred to avoid hopper bridging.

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