Optema™ TC 220 ExCo

Ethylene Methyl Acrylate Copolymer Resin

ExxonMobil Chemical

Message:

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.

General Information			
Additive	heat stabilizer		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Methyl Acrylate Content	24.0	wt%	ExxonMobil Method
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	43.0	°C	ASTM D1525

Legal statement
有关潜在食品接触应用合规信息(例如:FDA,EU,HPFB),请与埃克森美孚化工客户服务代表联系.本产品不宜在医疗应用中使用,亦不应在任何此类应用中使用

Extrusion instructions
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.

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