

Optema TC 110 Cast

Ethylene Methyl Acrylate Copolymer Resin

ExxonMobil Chemical

Message:

OPTEMA TC 110 is an ethylene-methyl acrylate copolymer, specially developed for extruding properties for blown film and casting film applications. It can produce soft elastic films. OPTEMA TC 110 can be used to produce films with a thickness of less than 1.0 mils.

General Information			
Additive	heat stabilizer		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Methyl Acrylate Content	21.5	wt%	ExxonMobil Method
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	50.8	MPa	ASTM D882
1% secant, TD	44.3	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Fracture	23.5	MPa	ASTM D882
TD: Fracture	17.1	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	360	%	ASTM D882
TD: Fracture	810	%	ASTM D882
Dart Drop Impact	220	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	22	g	ASTM D1922
TD	360	g	ASTM D1922
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	53.0	°C	ASTM D1525
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	34		ASTM D2457
Haze	18	%	ASTM D1003
Legal statement			

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.

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