

ExxonMobil OPTEMA™ TC 120 ExCo Ethylene Methyl Acrylate

Category : Polymer , Thermoplastic , Ethylene Methyl Acrylate , Ethylene-Methyl Acrylate Copolymer, Molding Grade

Material Notes:

Product Description: Optema TC 120 is an ethylene methyl acrylate copolymer intended for extrusion coating, coextrusion coating and extrusion lamination where good interlayer adhesion between polyethylene, polypropylene, nylon, PVdC or other substrates is required. It offers excellent balance of adhesion onto the substrates and interlayer adhesion with coextruded LDPE and EVA's. It is an excellent heat seal layer in coextrusion and in extrusion coating but additional additives or process modifications may be required to prevent chill roll sticking. **Availability:** Latin America, North America and South America **Additive:** Antiblock: NoSlip: No Thermal Stabilizer: Yes**Applications:** Coextrusion CoatingDemanding Heat SealsDocument PlastificationExtrusion CoatingExtrusion LaminationFood packagingIndustrial PackagingNon-Woven CoatingThermal LaminationInformation provided by ExxonMobil Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-OPTEMA-TC-120-ExCo-Ethylene-Methyl-Acrylate.php

Physical Properties	Metric	English	Comments
Density	0.942 g/cc	0.0340 lb/in ³	ExxonMobil Method
Methyl Acrylate Content	21.5 %	21.5 %	
Melt Flow	6.00 g/10 min @Load 2.16 kg, Temperature 190 °C	6.00 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238
Neck In	5.59 cm @Temperature 295 °C	2.20 in @Temperature 563 °F	656 ft/min, Constant output at 35 rpm; ExxonMobil Method
	6.10 cm @Temperature 295 °C	2.40 in @Temperature 563 °F	328 ft/min, Constant output at 35 rpm; ExxonMobil Method
Drawdown	6.60 m/s @Temperature 295 °C	1300 ft/min @Temperature 563 °F	Constant output at 35 rpm; ExxonMobil Method

Thermal Properties	Metric	English	Comments
Melting Point	77.8 °C	172 °F	Peak Melting Temperature; ExxonMobil Method
Vicat Softening Point	47.2 °C	117 °F	ASTM D1525

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