

Nucrel® AE

乙烯甲基丙烯酸酯

DuPont Packaging & Industrial Polymers

产品说明

Nucrel® AE is a terpolymer of ethylene, methacrylic acid, and acrylate. It is available for use in conventional extrusion coating, coextrusion coating and extrusion laminating equipment designed to process polyethylene resins.

It can be used as a modifier for PE in blends of approximately 20 to 40% Nucrel® AE with 80 to 60% LDPE for enhancement of foil adhesion properties. The level of adhesion improvement depends on processing conditions.

Foil-containing pouches and sachets for packaging non-aggressive food and miscellaneous non-food products.

Snack structures

Other foil, metallized film, or paper coatings as a heat seal or tie layer

基本信息				
特性	良好粘结性			
用途	Foil Coatings	包装	层压板	食品包装
	涂层应用	纸张涂料		
机构评级	FDA 21 CFR 177.1330(b)			
形式	粒子			
加工方法	共挤出成型	挤出涂层		
物理性能	额定值	单位制	测试方法	
比重	0.920	g/cm³	ASTM D792, ISO 1183	
熔流率(熔体流动速率) (190°C/2.16 kg)	11	g/10 min	ASTM D1238, ISO 1133	
热性能	额定值	单位制	测试方法	
维卡软化温度	79.0	°C	ASTM D1525, ISO 306	
熔融峰值温度	105	°C	ASTM D3418, ISO 3146	
Freezing Point	85	°C	ASTM D3418	
挤出	额定值	单位制		
料筒1区温度	185	°C		
料筒2区温度	235	°C		
料筒3区温度	285	°C		
料筒4区温度	310	°C		
料筒5区温度	310	°C		
接头温度	310	°C		
熔体温度	< 335	°C		
口模温度	310	°C		