

Nucrel€ AE

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DuPont Packaging & Industrial Polymers

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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

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• ‘	Foil Coatings ™" Š •	' "	" • – — ~ ' "
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‡ Š " ©	ª « ¬ - ®	« ¬™"	
- ° < ±	2 3 ´	µ ¶ ·	¸ ¹ º » ©
° »	0.920	g/cm•	ASTM D792, ISO 1183
¼ ½ ¾ (¼ ½ ¾) (190, C/2.16 kg)	11	g/10 min	ASTM D1238, ISO 1133
Ä < ±	2 3 ´	µ ¶ ·	¸ ¹ º » ©
Ä Ä Ä Ç È	79.0	,C	ASTM D1525, ISO 306
¼ É Ê ´ Ç È	105	,C	ASTM D3418, ISO 3146
Freezing Point	85	,C	ASTM D3418
« ¬	2 3 ´	µ ¶ ·	
• É 1l Ç È	185	,C	
• É 2l Ç È	235	,C	
• É 3l Ç È	285	,C	
• É 4l Ç È	310	,C	
• É 5l Ç È	310	,C	
Í Î Ç È	310	,C	
¼ ¿ Ç È	< 335	,C	
Ï Ð Ç È	310	,C	