

# INEOS EMAA M28N430

Ethylene Methacrylic Acid  
INEOS Olefins & Polymers Europe

Message:

Ethylene-MethAcrylic-Acid-Copolymer (EMAA) for extrusion coating.

Benefits & Features

M28N430 is an additive free ethylene-methacrylic-acid-copolymer (EMMA) with a high MAA content. Its special polymer structure gives the following properties:

Improved adhesion properties to standard LDPE/mLLDPE or other polar substrates, especially with aluminium foil and metallised film at high line speeds or low coating weights

Good processability in coextrusion with comparable neck in and draw down to LDPE

Exhibits very good sealing properties enhanced by the presence of the comonomer

Good organoleptical properties

Low fumes during processing an high purity

Applications

M28N430 is a speciality extrusion coating resin with improved adhesion characteristics. Main extrusion coating application for aluminium foil containing laminates in liquid food packaging and flexible packaging.

General Information			
Features	High purity		
	Irritant gas low to no		
	Copolymer		
	Workability, good		
	Good sensory characteristics		
	Good heat sealability		
	Good adhesion		
	No additive		
Uses	Foil Coatings		
	Packaging		
	Food packaging		
	Coating application		
RoHS Compliance	Contact manufacturer		
Forms	Particle		
Processing Method	Co-extrusion molding		
	Extrusion coating		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	8.0	g/10 min	ISO 1133
Methacrylic Acid Content	8.3	%	Internal method
Thermal	Nominal Value	Unit	Test Method
Melting Temperature (DSC) <sup>1</sup>	101	°C	Internal method

Extrusion	Nominal Value	Unit
Melt Temperature	260 - 290	°C
NOTE		
1.	10°C/min	

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