

# Nucrel® 0910

Ethylene Methacrylic Acid  
DuPont Packaging & Industrial Polymers

Message:

Nucrel® 0910 is a copolymer of ethylene and methacrylic acid, made with nominally 9 wt% methacrylic acid. The resin is available for use in conventional extrusion and coextrusion equipment.

General Information			
Agency Ratings	FDA 21 CFR 177.1330		
Forms	Particle		
Processing Method	Co-extrusion molding Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.930	g/cm <sup>3</sup>	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	10	g/10 min	ASTM D1238, ISO 1133
Methyl Acrylate Content	8.7	wt%	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	81.0	°C	ASTM D1525, ISO 306
Melting Temperature	100	°C	DSC, ISO 3146
Freezing Point			
--	82	°C	ISO 3146
--	82	°C	ASTM D3418
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	185	°C	
Cylinder Zone 2 Temp.	235	°C	
Cylinder Zone 3 Temp.	260	°C	
Cylinder Zone 4 Temp.	285	°C	
Cylinder Zone 5 Temp.	285	°C	
Adapter Temperature	285	°C	
Melt Temperature	< 310	°C	
Die Temperature	285	°C	
Extrusion instructions			

Processing conditions shown are for extrusion coating/lamination.

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Recommended distributors for this material

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