

EVAL™ T101B

Ethylene Vinyl Alcohol

EVAL Europe nv

Message:

EVAL™ T101B is an Ethylene Vinyl Alcohol (EVOH) product. It is available in Europe.

General Information			
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.17	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)			ISO 1133
190°C/2.16 kg	1.7	g/10 min	
210°C/2.16 kg	4.3	g/10 min	
Ethylene Content	32.0	mol%	Internal Method
Films	Nominal Value	Unit	Test Method
Oxygen Permeability ¹			ISO 14663-2
20°C, 0% RH	4.6E-3	cm ³ ·mm/m ² /atm/24 hr	
20°C, 65% RH	0.010	cm ³ ·mm/m ² /atm/24 hr	
20°C, 85% RH	0.036	cm ³ ·mm/m ² /atm/24 hr	
Water Vapor Transmission Rate ²	1.1	g·mm/m ² /atm/24 hr	ASTM E96
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	69.0	°C	ISO 11357-2
Melting Temperature	183	°C	ISO 11357-3
Peak Crystallization Temperature	161	°C	ISO 11357-3
NOTE			
1.	Annex C		
2.	Procedure E		

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