

Soarnol® SG539B

Ethylene Vinyl Alcohol

Soarus L.L.C.

Message:

Soarnol SG539B is specifically designed for retort applications where it eliminates the hazing and delamination problems usually seen when retorting conventional EVOH films.

General Information			
Features	Copolymer		
	Compliance of Food Exposure		
Uses	Films		
	Food packaging		
	Shrinkable film		
	Coating application		
Agency Ratings	EU 90/128/EEC		
	FDA 21 CFR 175.105		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	
Melt Mass-Flow Rate (MFR) (210°C/2.16 kg)	6.5	g/10 min	
Volatile Matter		%	
Films	Nominal Value	Unit	Test Method
Oxygen Permeability ¹ (20°C, 20 µm)	0.500	cm³/m²/24 hr	Internal method
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	180	°C	
Cylinder Zone 2 Temp.	200	°C	
Cylinder Zone 3 Temp.	220	°C	
Cylinder Zone 4 Temp.	240	°C	
Cylinder Zone 5 Temp.	240	°C	
Adapter Temperature	240	°C	
Extrusion instructions			
Extruder: 40 mm Single screw extruder, L/D = 28Screw: Full-flighted, constant pitch type, CR = 3.5Screen pack: 80/120/50 meshDie: Manifold type, die width = 450 mm, lip clearance = 0.2 mm			
NOTE			

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