Adsyl 5 C 39 F

Polyolefin

LyondellBasell Industries

Message:

Adsyl 5 C 39 F is an advanced polyolefin, specially designed for use as a sealing or metallized layer in co-extruded film applications.
This grade features a very low seal initiation temperature.
It contains anti-block additives.
For regulatory information please refer to Adsyl 5 C 39 F Product Stewardship Bulletin (PSB).

General Information	
Additive	Antiblock
Features	Antiblocking Food Contact Acceptable Low Temperature Heat Sealability
Uses	Bi-axially Oriented Film Cast Film Laminates Shrink Wrap
Forms	Pellets
Processing Method	Blown Film Cast Film Coextruded Film

Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.5	g/10 min	ISO 1133
Films	**Nominal Value**	**Unit**	**Test Method**
Film Thickness - Tested	50	µm	
Tensile Modulus			ISO 527-3/25
MD : 50 µm, Cast Film	280	MPa	
TD : 50 µm, Cast Film	280	MPa	
Tensile Stress			ISO 527-3/500
MD : Yield, 50 µm, Cast Film	14.0	MPa	
TD : Yield, 50 µm, Cast Film	14.0	MPa	
MD : Break, 50 µm, Cast Film	45.0	MPa	
TD : Break, 50 µm, Cast Film	35.0	MPa	
Tensile Elongation			ISO 527-3/500
MD : Yield, 50 µm, Cast Film	17	%	

TD : Yield, 50 µm, Cast Film	15	%	
MD : Break, 50 µm, Cast Film	900	%	
TD : Break, 50 µm, Cast Film	800	%	
Seal Initiation Temperature	105	°C	
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature (0.45 MPa, Unannealed)	62.0	°C	ISO 75-2/B
Vicat Softening Temperature	107	°C	ISO 306/A50
Melting Temperature	132	°C	ISO 11357-3
Optical	**Nominal Value**	**Unit**	**Test Method**
Gloss (45°, 50.0 µm, Cast Film)	87		ASTM D2457
Haze (50.0 µm, Cast Film)	1.2	%	ASTM D1003

Recommended distributors for this material

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