

# Adsyl 5 C 37 F ST

Polyolefin  
LyondellBasell Industries

## Message:

Adsyl 5 C 37 F ST is an advanced polyolefin, specially designed for use as a sealing layer in co-extruded film applications. This grade features a very low seal initiation temperature and excellent optics. It provides enhanced processability on high speed BOPP lines. It contains slip and anti-block additives.

General Information	
Additive	Antiblock Slip
Features	Antiblocking Food Contact Acceptable Good Processability Low Temperature Heat Sealability Opticals Slip
Uses	Bi-axially Oriented Film Food Packaging Shrink Wrap
Forms	Pellets
Processing Method	Bi-axially Oriented Film Cast Film Coextruded Film

Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0	g/10 min	ISO 1133
Films	Nominal Value	Unit	Test Method
Tensile Modulus			ISO 527-3/25
MD : 50 µm, Cast Film	260	MPa	
TD : 50 µm, Cast Film	240	MPa	
Tensile Stress			ISO 527-3/500
MD : Yield, 50 µm, Cast Film	15.0	MPa	
TD : Yield, 50 µm, Cast Film	14.0	MPa	
MD : Break, 50 µm, Cast Film	41.0	MPa	
TD : Break, 50 µm, Cast Film	41.0	MPa	

Tensile Elongation			ISO 527-3/500
MD : Yield, 50 μm, Cast Film	18	%	
TD : Yield, 50 μm, Cast Film	16	%	
MD : Break, 50 μm, Cast Film	900	%	
TD : Break, 50 μm, Cast Film	900	%	
Seal Initiation Temperature	105	°C	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	61.0	°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)	88		ASTM D2457
Haze (50.0 μm, Cast Film)	0.90	%	ASTM D1003

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

#### Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

