

# Adsyl 6 C 30 F

Polyolefin  
LyondellBasell Industries

Message:

Adsyl 6 C 30 F is a new advanced polyolefin, specially designed for use as a sealing layer in co-extruded film applications. This grade features a very low seal initiation temperature (<100°C) and excellent optical properties. It does not contain slip or anti-block additives. For regulatory information please refer to Adsyl 6 C 30 F Product Stewardship Bulletin (PSB).

General Information			
Features	Low Temperature Heat Sealability		
	Opticals		
Uses	Film		
	Food Packaging		
	Laminates		
	Packaging		
	Shrink Wrap		
	Stationary Supplies		
	Tie-Layer		
Processing Method	Coextruded Film		
	Double-Bubble Film		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	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	ISO 527-3/25
Tensile Modulus			
MD : 50 µm, Cast Film	260	MPa	
TD : 50 µm, Cast Film	250	MPa	ISO 527-3/500
Tensile Stress			
MD : Yield, 50 µm, Cast Film	14.0	MPa	
TD : Yield, 50 µm, Cast Film	14.0	MPa	
MD : Break, 50 µm, Cast Film	37.0	MPa	
TD : Break, 50 µm, Cast Film	41.0	MPa	
Tensile Elongation			ISO 527-3/500
MD : Yield, 50 µm, Cast Film	16	%	
TD : Yield, 50 µm, Cast Film	14	%	

TD : Break, 25 µm, Cast Film	900	%	
MD : Break, 50 µm, Cast Film	850	%	
Seal Initiation Temperature	95.0	°C	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	59.0	°C	ISO 75-2/B
Vicat Softening Temperature	103	°C	ISO 306/A50
Melting Temperature	128	°C	ISO 11357-3
Optical	Nominal Value	Unit	Test Method
Gloss (45°, 50.0 µm, Cast Film)	92		ASTM D2457
Haze (50.0 µm, Cast Film)	0.20	%	ASTM D1003

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### 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

