

# Adsyl 3 C 30 F HP

Polyolefin  
LyondellBasell Industries

## Message:

Adsyl 3 C 30 F HP is an advanced polyolefin, specially designed for use as a sealing or metallized layer in co-extruded film applications. This grade features a low seal initiation temperature, a high melting point and good optics. It does not contain slip or anti-block additives. For regulatory information please refer to Adsyl 3 C 30 F HP Product Stewardship Bulletin (PSB).

General Information			
Features	Food Contact Acceptable		
	Good Stiffness		
	High Heat Resistance		
	Low Temperature Heat Sealability		
	Opticals		
Uses	Bi-axially Oriented Film		
	Cast Film		
	Food Packaging		
	Laminates		
	Shrink Wrap		
Forms	Pellets		
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	
Secant Modulus <sup>1</sup>			ASTM D882
MD : 50 µm, Cast Film	400	MPa	
TD : 50 µm, Cast Film	400	MPa	
Tensile Strength <sup>2</sup>			ASTM D882
MD : Yield,50 µm, Cast Film	18.0	MPa	
TD : Yield,50 µm, Cast Film	18.0	MPa	
MD : Break, 50 µm,Cast Film	44.0	MPa	
TD : Break, 50 µm,Cast Film	38.0	MPa	
Tensile Elongation <sup>3</sup>			ASTM D882
MD : Yield, 50 µm, Cast Film	12	%	
TD : Yield, 50 µm, Cast Film	10	%	
MD : Break, 50 µm	850	%	
TD : Break, 50 µm,Cast Film	850	%	

Seal Initiation Temperature	112	°C	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	71.0	°C	ISO 75-2/B
Vicat Softening Temperature	122	°C	ISO 306/A50
Melting Temperature	137	°C	DSC
Optical	Nominal Value	Unit	Test Method
Gloss (45°, 50.0 µm)	91		ASTM D2457
Haze (50.0 µm)	0.40	%	ASTM D1003
NOTE			
1.	25 mm/min		
2.	500 mm/min		
3.	500 mm/min		

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#### 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

