



## Adsyl 5 C 30 F

### Advanced Polyolefin

#### Product Description

Adsyl 5 C 30 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 and good optics.

It does not contain slip or anti-block additives.

For regulatory compliance information see the Adsyl 5 C 30 F Regulatory Affairs Product Stewardship Information/Certification Data Sheet (RAPIDS), which can be found on [www.polymers.lyondellbasell.com](http://www.polymers.lyondellbasell.com).

#### Product Characteristics

<b>Status</b>	Commercial: Active
<b>Test Method used</b>	ISO ASTM
<b>Availability</b>	Europe, North America, Asia-Pacific, Australia/NZ, Africa-Middle East, Latin America
<b>Processing Method</b>	Double Bubble, Cast Film, BOPP
<b>Features</b>	Low Temperature Heat Sealability
<b>Typical Customer Applications</b>	Stationery Film, Food Packaging Film, Lamination Film, Double Bubble Shrink Film, Breathable Film

Typical Properties	Method	Value Unit
<b>Physical</b>		
Density -Specific Gravity	ASTM D 792	0.902 sp gr 23/23°C
Melt flow rate (230°C/2.16kg)	ASTM D 1238	5.50 g/10 min
<b>Mechanical</b>		
Tensile Strength @ Yield	ASTM D 638	21.4 MPa
Flexural Modulus (1 mm/min, 1% Secant, Procedure A)	ASTM D 790	648 MPa
Tensile Elongation @ Yld	ASTM D 638	13 %
<b>Impact</b>		
Notched izod impact (23 °C, Method A)	ASTM D 256	85.4 J/m
<b>Thermal</b>		
DTUL @66psi - Unannealed	ASTM D 648	62.8 °C

#### Additional Properties

Film properties obtained on cast film produced with laboratory line under internal standard conditions.

Tensile Young modulus, MD/TD, ISO 527-3, 25 mm/min, 50 µm: 280/280 MPa

Stress at Yield, MD/TD, ISO 527-3, 500 mm/min, 50 µm: 14/14 MPa

Elongation at Yield, MD/TD, ISO 527-3, 500 mm/min, 50 µm: 17/15 %

Stress at Break, MD/TD, ISO 527-3, 500 mm/min, 50 µm: 45/35 MPa

Elongation at Break, MD/TD, ISO 527-3, 500 mm/min, 50 µm: 900/800 %

#### Notes

Typical properties; not to be construed as specifications.