



## Adsyl 5 C 30 F ST

### Advanced Polyolefin

#### Product Description

Adsyl 5 C 30 F ST 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 excellent optics. It does not contain slip or anti-block additives.

For regulatory information please refer to Adsyl 5 C 30 F ST Product Stewardship Bulletin (PSB).

#### Product Characteristics

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

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Density	ISO 1183	0.90	g/cm <sup>3</sup>
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	6	g/10 min
<b>Thermal</b>			
Melting temperature		132	°C
<i>Note: ISO 11357-3</i>			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	61	°C
Vicat softening temperature A/50	ISO 306	107	°C
<b>Optical</b>			
Haze (50 µm)	ASTM D 1003	0.2	%
Gloss (45°, 50 µm)	ASTM D 2457	91	
<b>Film</b>			
Seal initiation temperature		105	°C
<i>Note: Internal test method</i>			

#### 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: 260/240 MPa  
Stress at Yield, MD/TD, ISO 527-3, 500 mm/min, 50 µm: 15/14 MPa  
Elongation at Yield, MD/TD, ISO 527-3, 500 mm/min, 50 µm: 18/16 %  
Stress at Break, MD/TD, ISO 527-3, 500 mm/min, 50 µm: 41/41 MPa  
Elongation at Break, MD/TD, ISO 527-3, 500 mm/min, 50 µm: 900/900 %

#### Notes

Typical properties; not to be construed as specifications.