



Adsyl 7594 XCP

Advanced Polyolefin

Product Description

Adsyl 7594 XCP 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 information please refer to *Adsyl* 7594 XCP Product Stewardship Bulletin (PSB).

Product Characteristics

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

Typical Properties	Method	Value	Unit
Physical			
Density (Method A)	ISO 1183	0.90	g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	5.5	g/10 min
Thermal			
Melting temperature		132	°C
<i>Note: ISO 11357-3</i>			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	62	°C
Vicat softening temperature A/50	ISO 306	107	°C
Optical			
Haze (50 µm)	ASTM D 1003	0.6	%
Gloss (45°, 50 µm)	ASTM D 2457	88	
Film			
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: 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.