



Adsyl 7410 XCP

Advanced Polyolefin

Product Description

Adsyl 7410 XCP 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 (75°C) and excellent optical properties.

It does not contain slip or anti-block additives.

For regulatory information please refer to Adsyl 7410 XCP Product Stewardship Bulletin (PSB).

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe, North America, Asia-Pacific, Australia/NZ, Africa-Middle East, Latin America
Processing Methods	BOPP, Cast Film, Double Bubble
Features	Ultra Low Temperature Heat Sealability
Typical Customer Applications	Food Packaging Film, Lamination Film, Shrink 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		127	°C
<i>Note: ISO 11357-3</i>			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	52	°C
Vicat softening temperature A/50	ISO 306	96	°C
Optical			
Haze (50 %)	ASTM D 1003	0.3	%
Gloss (45°, 50 µm)	ASTM D 2457	95	
Film			
Seal initiation temperature		75	°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: 220/220 MPa
 Stress at Yield, MD/TD, ISO 527-3, 500 mm/min, 50 µm: 13/13 MPa
 Elongation at Yield, MD/TD, ISO 527-3, 500 mm/min, 50 µm: 19/16 %
 Stress at Break, MD/TD, ISO 527-3, 500 mm/min, 50 µm: 36/36 MPa
 Elongation at Break, MD/TD, ISO 527-3, 500 mm/min, 50 µm: 850/850 %

Notes

Typical properties; not to be construed as specifications.