Adsyl 7596 XCP

Advanced Polyolefin

Product Description

Adsyl 7596 XCP is an advanced polyolefin, specially designed for use as a sealing layer in co-extruded and metallizable film applications.
This grade features a very low seal initiation temperature and excellent optics. It provides enhanced processability on high speed BOPP lines.
It contains anti-block additives.

For regulatory information please refer to *Adsyl* 7596 XCP Product Stewardship Bulletin (PSB).

Product Characteristics

Status	Development
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	Low Temperature Heat Sealability, Superior Optical Properties
Typical Customer Applications	Double Bubble Shrink Film, Food Packaging Film, Lamination Film, Shrink Film

Typical Properties	Method	Value	Unit
Physical			
Density (Method A)	ISO 1183	0.90	g/cm³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	6.0	g/10 min
Thermal			
Melting temperature		132	°C
Note: ISO 11357-3			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	61	°C
Vicat softening temperature A/50	ISO 306	107	°C
Optical			
Haze (50 µm)	ASTM D 1003	1.2	%
Gloss (45°, 50 µm)	ASTM D 2457	87	
Film			
Seal initiation temperature		105	°C
Note: Internal test method			

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.