Adsyl 7423 XCP

Advanced Polyolefin

Product Description

Adsyl 7423 XCP is an advanced polyolefin, specially designed for use as a sealing layer in co-extruded film applications. This grade features a low seal initiation temperature.
It contains anti-blocking additives.

For regulatory information please refer to *Adsyl* 7423 XCP Product Stewardship Bulletin (PSB).

Product Characteristics

Status	Commercial: Active
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	Medium Temperature Heat Sealability, Superior Optical Properties
Typical Customer Applications	Food Packaging Film, Lamination 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	5.5	g/10 min
Mechanical			
Tensile Stress at Yield	ISO 527-1, -2	24	MPa
Tensile Strain at Break	ISO 527-1, -2	500	%
Flexural modulus	ISO 178	700	MPa
Thermal			
Melting temperature		130	°C
Note: ISO 11357-3			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	67	°C
Optical			
Haze (50 µm)	ASTM D 1003	0.9	%
Gloss (45°, 50 µm)	ASTM D 2457	91	
Film			
Seal initiation temperature		115	°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: 340/340 MPa
Stress at Yield, MD/TD,ISO 527-3, 500 mm/min, 50 µm: 17/16 MPa
Elongation at Yield, MD/TD,ISO 527-3, 500 mm/min, 50 µm: 15/14 %
Stress at Break, MD/TD,ISO 527-3, 500 mm/min, 50 µm: 25/35 MPa
Elongation at Break, MDTD, ISO 527-3, 500 mm/min, 50 µm: 650/850 %

Notes

Typical properties; not to be construed as specifications.