



Adsyl 3 C 30 F HP

Advanced Polyolefin

Product Description

Adsyl 3 C 30 F HP is an advanced polyolefin, specially designed for use as a sealing or metallized layer in co-extruded film applications. This grade features a low seal initiation temperature, a high melting point and good optics. It does not contain slip or anti-block additives.

For regulatory information please refer to Adsyl/ 3 C 30 F HP 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	High Heat Resistance , Medium Temperature Heat Sealability, Good Stiffness
Typical Customer Applications	Double Bubble Shrink Film, Food Packaging Film, Lamination 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		137	°C
<i>Note: ISO 11357-3</i>			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	71	°C
Vicat softening temperature A/50	ISO 306	122	°C
Optical			
Haze (50 µm)	ASTM D 1003	0.4	%
Gloss (45°, 50 µm)	ASTM D 2457	91	
Film			
Seal initiation temperature		112	°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: 400/400 MPa
 Stress at Yield, MD/TD,ISO 527-3, 500 mm/min, 50 µm: 18/18 MPa
 Elongation at Yield, MD/TD, ISO 527-3, 500 mm/min, 50 µm: 12/10 %
 Stress at Break, MD/TD,ISO 527-3, 500 mm/min, 50 µm: 44/38 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.