

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.

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- Equistar Chemicals, LP
- Basell Sales & Marketing Company B.V.
- Basell Asia Pacific Limited
- Basell International Trading FZE
- LyondellBasell Australia Pty Ltd

For the contact details of the LyondellBasell company selling this product in your country, please visit <http://www.lyb.com/>.

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This product(s) may not be used in:

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(ii) the manufacture of any of the following, without prior written approval by Seller for each specific product and application: (1) U.S. FDA Class II, Health Canada Class II or Class III, and/or European Union Class II Medical Devices; (2) film, overwrap and/or product packaging that is considered a part or component of one of the aforementioned Medical Devices; (3) packaging in direct contact with a pharmaceutical active ingredient and/or dosage form that is intended for inhalation, injection, intravenous, nasal, ophthalmic (eye), digestive, or topical (skin) administration; (4) tobacco related products and applications; (5) electronic cigarettes and similar devices; and (6) pressure pipe or fittings that are considered a part or component of a nuclear reactor.

(iii) Additionally, the product(s) may not be used in: (1) U.S. FDA Class III, Health Canada Class IV, and/or European Class III Medical Devices; (2) applications involving permanent implantation into the body; (3) life-sustaining medical applications; and (4) lead, asbestos or MTBE related applications.

All references to U.S. FDA, Health Canada, and European Union regulations include another country's equivalent regulatory classification.

Users should review the applicable Material Safety Data Sheet before handling the product.

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