

Technical Data Sheet

Adsy/7641 XCP

Catalloy



Product Description

Adsy/7641 XCP is a polypropylene terpolymer containing slip and anti-blocking additives.

Adsy/7641 XCP is typically used by customers for the production of BOPP and CAST film in co-extruded applications as a sealing layer.

The films produced with Adsy/7641 XCP have been reported by customers to exhibit a low seal initiation temperature (SIT) and good optics.

Regulatory Status

For regulatory compliance information, see Adsy/7641 XCP [Product Stewardship Bulletin \(PSB\) and Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	Africa-Middle East; Asia-Pacific; Australia and New Zealand; Europe; North America; South & Central America
Application	Food Packaging Film; Lamination Film; Sealants; Shrink Film; Specialty Film
Market	Flexible Packaging
Processing Method	BOPP; Cast Film; Double Bubble
Attribute	Low Temperature Heat Sealability; Medium Antiblocking; Medium Slip; Superior Optical Properties; Terpolymer

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	5.5	g/10 min	ISO 1133-1
Density, (23 °C, Method A)	0.90	g/cm ³	ISO 1183-1
Film			
Seal Initiation Temperature	105	°C	LYB Method
Thermal			
Vicat Softening Temperature, (A50)	107	°C	ISO 306
Heat Deflection Temperature B, (0.45 MPa, Unannealed)	62	°C	ISO 75B-1, -2
DSC Melting Point	132	°C	DSC
Optical			
Haze, (50 µm)	1	%	ASTM D1003
Gloss, (45°, 50 µm)	87		ASTM D2457

Notes

These are typical property values not to be construed as specification limits.

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Recipient Tracking #:
Request #: 909310

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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This product(s) may not be used in the manufacture of any of the following, without prior written approval by Seller for each specific product and application:

- (i) U.S. FDA Class I or II Medical Devices; Health Canada Class I, II or III Medical Devices; European Union Class I or II Medical Devices;
- (ii) film, overwrap and/or product packaging that is considered a part or component of one of the aforementioned medical devices;
- (iii) 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;
- (iv) tobacco related products and applications, electronic cigarettes and similar devices.
- (v) safety components in automotive applications, for example: air bags, air bag unit housings and covers, seat belt mechanisms, brake systems, pedals and pedal supports, steering systems.

The product(s) may not be used in:

- (i) U.S. FDA Class III Medical Devices; Health Canada Class IV Medical Devices; European Class III Medical Devices;
- (ii) applications involving permanent implantation into the body;
- (iii) life-sustaining medical applications.

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

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