Adsyl 7623 XCP

Polyolefin

LyondellBasell Industries

Message:

Adsyl 7623 XCP is an advanced polyolefin, specially designed for use as a sealing or metallized layer in co-extruded film applications.
This grade features a very low seal initiation temperature.
It contains anti-block additives.
For regulatory information please refer to Adsyl 7623 XCP Product Stewardship Bulletin (PSB).

General Information	
Additive	Anti-caking agent
Features	Low temperature heat sealability Electroplating Anti-caking property
Uses	Bi-axially Oriented Film Films Laminate cast film Food packaging Shrinkable film
Processing Method	Co-extrusion molding cast film

Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.5	g/10 min	ISO 1133
Films	**Nominal Value**	**Unit**	**Test Method**
Film Thickness - Tested	50	µm	
Tensile Modulus			ISO 527-3/25
MD: 50 µm, cast film	280	MPa	ISO 527-3/25
TD: 50 µm, cast film	280	MPa	ISO 527-3/25
Tensile Stress			ISO 527-3/500
MD: yield, 50 µm, cast film	14.0	MPa	ISO 527-3/500
TD: yield, 50 µm, cast film	14.0	MPa	ISO 527-3/500
MD: fracture, 50 µm, casting film	45.0	MPa	ISO 527-3/500
TD: fracture, 50 µm, casting film	35.0	MPa	ISO 527-3/500
Tensile Elongation			ISO 527-3/500
MD: yield, 50 µm, cast film	17	%	ISO 527-3/500

TD: yield, 50 µm, cast film	15	%	ISO 527-3/500
MD: fracture, 50 µm, casting film	900	%	ISO 527-3/500
TD: fracture, 50 µm, casting film	800	%	ISO 527-3/500
Seal Initiation Temperature	105	°C	

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	62.0	°C	ISO 75-2/B
Vicat Softening Temperature	107	°C	ISO 306/A50
Melting Temperature	132	°C	ISO 11357-3

Optical	Nominal Value	Unit	Test Method
Gloss (45°, 50.0 µm)	87		ASTM D2457
Haze (50.0 µm)	1.2	%	ASTM D1003

Recommended distributors for this material

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