

# Adsyl 7624 XCP

Polyolefin  
LyondellBasell Industries

Message:

Adsyl 7624 XCP is an advanced polyolefin, specially designed for use as a sealing layer in co- extruded and metallizable film applications. This grade features a very low seal initiation temperature and excellent optics. It provides enhanced processability on high speed BOPP lines. It contains anti-block additives.  
For regulatory information please refer to Adsyl 7624 XCP Product Stewardship Bulletin (PSB).

General Information			
Additive	Anti-caking agent		
Features	Low temperature heat sealability		
	Electroplating		
	Optical		
	Anti-caking property		
	Workability, good		
Uses	Bi-axially Oriented Film		
	Films		
	Laminate		
	cast film		
	Food packaging		
	Shrinkable film		
Processing Method	Film extrusion		
	Co-extrusion molding		
	cast film		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0	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	260	MPa	ISO 527-3/25
TD: 50 µm, cast film	240	MPa	ISO 527-3/25
Tensile Stress			ISO 527-3/500
MD: yield, 50 µm, cast film	15.0	MPa	ISO 527-3/500
TD: yield, 50 µm, cast film	14.0	MPa	ISO 527-3/500
MD: fracture, 50 µm, casting film	41.0	MPa	ISO 527-3/500

TD: fracture, 50 μm, casting film	41.0	MPa	ISO 527-3/500
Tensile Elongation			ISO 527-3/500
MD: yield, 50 μm, cast film	18	%	ISO 527-3/500
TD: yield, 50 μm, cast film	16	%	ISO 527-3/500
MD: fracture, 50 μm, casting film	900	%	ISO 527-3/500
TD: fracture, 50 μm, casting film	900	%	ISO 527-3/500
Seal Initiation Temperature	105	°C	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	61.0	°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

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