

Adsyl 7410 XCP

Polyolefin
LyondellBasell Industries

Message:

Adsyl 7410 XCP is a new advanced polyolefin, specially designed for use as a sealing layer in co-extruded film applications. This grade features a very low seal initiation temperature (75°C) and excellent optical properties. It does not contain slip or anti-block additives. For regulatory information please refer to Adsyl 7410 XCP Product Stewardship Bulletin (PSB).

General Information			
Features	Low Temperature Heat Sealability		
	Opticals		
Uses	Bi-axially Oriented Film		
	Cast Film		
	Film		
	Food Packaging		
	Laminates		
	Shrink Wrap		
	Stationary Supplies		
Forms	Pellets		
Processing Method	Blown Film		
	Cast Film		
	Coextruded Film		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	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	220	MPa	
TD : 50 µm, Cast Film	220	MPa	
Tensile Stress			ISO 527-3/500
MD : Yield, 50 µm, Cast Film	13.0	MPa	
TD : Yield, 50 µm, Cast Film	13.0	MPa	
MD : Break, 50 µm, Cast Film	36.0	MPa	
TD : Break, 50 µm, Cast Film	36.0	MPa	
Tensile Elongation			ISO 527-3/500

MD : Yield, 50 μm, Cast Film	19	%	
TD : Yield, 50 μm, Cast Film	16	%	
MD : Break, 50 μm, Cast Film	850	%	
TD : Break, 50 μm, Cast Film	850	%	
Seal Initiation Temperature	75.0	°C	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	52.0	°C	ISO 75-2/B
Vicat Softening Temperature	96.0	°C	ISO 306/A50
Melting Temperature	127	°C	ISO 11357-3
Optical	Nominal Value	Unit	Test Method
Gloss (45°, 50.0 μm, Cast Film)	95		ASTM D2457
Haze (50.0 μm, Cast Film)	0.30	%	ASTM D1003

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