

Adsyl 7572 XCP

Polyolefin
LyondellBasell Industries

Message:

Adsyl 7572 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 (<100°C) and excellent optical properties.
It does not contain slip or anti-block additives.
For regulatory information please refer to Adsyl 7572 XCP Product Stewardship Bulletin (PSB).

General Information	
Features	Low Temperature Heat Sealability
	Opticals
Uses	Film
	Food Packaging
	Laminates
	Shrink Wrap
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
Tensile Modulus			ISO 527-3/25
MD : 50 µm, Cast Film	260	MPa	
TD : 50 µm, Cast Film	250	MPa	
Tensile Stress			ISO 527-3/500
MD : Yield, 50 µm, Cast Film	14.0	MPa	
TD : Yield, 50 µm, Cast Film	14.0	MPa	
MD : Break, 50 µm, Cast Film	37.0	MPa	
TD : Break, 50 µm, Cast Film	41.0	MPa	
Tensile Elongation			ISO 527-3/500
MD : Yield, 50 µm, Cast Film	16	%	
TD : Yield, 50 µm, Cast Film	14	%	
MD : Break, 50 µm, Cast Film	850	%	
TD : Break, 50 µm, Cast Film	900	%	

Seal Initiation Temperature	92.0	°C	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	59.0	°C	ISO 75-2/B
Vicat Softening Temperature	103	°C	ISO 306/A50
Melting Temperature	128	°C	ISO 11357-3
Optical	Nominal Value	Unit	Test Method
Gloss (45°, 50.0 µm, Cast Film)	92		ASTM D2457
Haze (50.0 µm, Cast Film)	0.20	%	ASTM D1003

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