

Adsyl 7416 XCP

Polyolefin
LyondellBasell Industries

Message:

Adsyl 7416 XCP is an advanced polyolefin, specially designed for use as a sealing layer in co-extruded film applications. This grade features a low seal initiation temperature and good optics. It does not contain slip or anti-block additives.

General Information			
Features	Low Temperature Heat Sealability		
	Opticals		
Uses	Film		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	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)	7.5	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	21.0	MPa	ISO 527-2
Tensile Strain (Yield)	14	%	ISO 527-2
Flexural Modulus	600	MPa	ISO 178
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	50	µm	ISO 527-3/25
Tensile Modulus			
MD : 50 µm	290	MPa	ISO 527-3/500
TD : 50 µm, Cast Film	320	MPa	
Tensile Stress			ISO 527-3/500
MD : Yield, 50 µm, Cast Film	15.0	MPa	
TD : Yield, 50 µm, Cast Film	15.0	MPa	ISO 527-3/500
MD : Break, 50 µm, Cast Film	40.0	MPa	
TD : Break, 50 µm, Cast Film	42.0	MPa	ISO 527-3/500
Tensile Elongation			
MD : Yield, 50 µm, Cast Film	19	%	Internal Method
TD : Yield, 50 µm, Cast Film	12	%	
MD : Break, 50 µm, Cast Film	950	%	Internal Method
TD : Break, 50 µm, Cast Film	900	%	
Seal Initiation Temperature	115	°C	Internal Method
Thermal	Nominal Value	Unit	Test Method

Heat Deflection Temperature (0.45 MPa, Unannealed)	65.0	°C	ISO 75-2/B
Vicat Softening Temperature	115	°C	ISO 306/A50
Melting Temperature	133	°C	ISO 11357-3
Optical	Nominal Value	Unit	Test Method
Gloss (45°, 50.0 µm, Cast Film)	90		ASTM D2457
Haze (50.0 µm, Cast Film)	0.50	%	ASTM D1003

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material


Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT