

Adsyl 7423 XCP

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	5.5	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
ASTM Data			
Melt Flow Index, MFI	5.5	g/10min	ASTM D 1238
Mechanical properties			
ISO Data			
Yield stress	24	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	700	MPa	ISO 178
ASTM Data			
Tensile Strength at Yield	24	MPa	ASTM D 638
Flexural Modulus	750	MPa	ASTM D 790
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	130	°C	ISO 11357-1/-3
Temp. of deflection under load, 0.45 MPa	67	°C	ISO 75-1/-2
ASTM Data			
Melting Temperature	130	°C	ASTM D 3418
Optical properties			
ASTM Data			
Gloss	91	-	ASTM D 2457
Haze	0.9	%	ASTM D 1003
Other properties			
Value			
Density	900	kg/m ³	ISO 1183
Density	900	kg/m ³	ASTM D 792
Film Properties			
Value			
Unit			
Test Standard			
ISO Data			
Tensile Modulus, parallel	340	MPa	ISO 527-3
Tensile Modulus, normal	340	MPa	ISO 527-3
Stress at yield, parallel	17	MPa	ISO 527-3
Stress at yield, normal	16	MPa	ISO 527-3
Strain at yield, parallel	15	%	ISO 527-3
Strain at yield, normal	14	%	ISO 527-3
Stress at break, parallel	25	MPa	ISO 527-3
Stress at break, normal	35	MPa	ISO 527-3
Maximum strain, parallel	650	%	ISO 527-3
Maximum strain, normal	850	%	ISO 527-3
Type of extrusion	cast	-	-
Thickness of specimen	0.05	mm	-

Characteristics**Processing**

Film Extrusion

Additives

Antiblocking agent

Certifications

Food contact, Food approval 1935/2004/EC, Food approval 10/2011, Food approval FDA 21 CFR

Applications

Packaging

Features

Heat Sealable

Regional Availability

North America, Europe, Asia Pacific, South and Central America,
Near East/Africa