

Adflex C 200 F

TPO

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	6	g/10min	ISO 1133
MFI temperature	230	°C	-
MFI load	2.16	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Yield stress	8	MPa	ISO 527
Strain at Break	>50	%	ISO 527
Flexural Modulus (23°C)	220	MPa	ISO 178
Notched Impact Strength (Izod), 23°C	no break	kJ/m²	ISO 180/1A
Notched Impact Strength (Izod)	65	kJ/m²	ISO 180/1A
Temperature	-20	°C	-
Shore Hardness D (15s)	41	-	ISO 868

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (0.45 MPa)	50	°C	ISO 75-1/-2
Vicat softening temperature A	89	°C	ISO 306

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	890	kg/m³	ISO 1183

Film Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus, parallel	125	MPa	ISO 527-3
Tensile Modulus, normal	110	MPa	ISO 527-3
Stress at Yield, parallel	8	MPa	ISO 527-3
Stress at Yield, normal	8	MPa	ISO 527-3
Strain at Yield, parallel	26	%	ISO 527-3
Strain at Yield, normal	23	%	ISO 527-3
Stress at Break, parallel	30	MPa	ISO 527-3
Stress at Break, normal	24	MPa	ISO 527-3
Maximum strain, parallel	990	%	ISO 527-3
Maximum strain, normal	890	%	ISO 527-3
Type of extrusion	cast	-	-
Thickness of specimen	0.05	mm	-

Optical Properties	Value	Unit	Test Standard
ASTM Data			
Gloss	47	-	ASTM D 2457
Haze	8	%	ASTM D 1003

Characteristics

Processing

Film Extrusion, Other Extrusion, Coating, Thermoforming

Special Characteristics

Transparent

Features

Soft Feel

Certifications

Food approval, Food approval 1935/2004/EC, Food approval 10/2011, Food Contact (FDA)

Applications

Packaging

Disclaimer

Liability Exclusion

These guide values are measured and provided by the product manufacturer and have been determined on standardised test specimens and can be affected by pigmentation, mould design and processing conditions. M-Base has taken the guide values from the producer's original Technical Data Sheet. **ALBIS AND M-BASE ARE THEREFORE NOT RESPONSIBLE FOR THE**

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