

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