

Adflex C 290 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
Yield strain	30	%	ISO 527
Stress at Break	15	MPa	ISO 527
Strain at Break	600	%	ISO 527
Notched Impact Strength (Charpy), +23°C	70	kJ/m ²	ISO 179/1eA
Flexural Modulus (23°C)	200	MPa	ISO 178
Shore Hardness D (15s)	38	-	ISO 868

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Melting Temperature (10°C/min)	142	°C	ISO 11357-1/-3
Temp. of deflection under load (0.45 MPa)	40	°C	ISO 75-1/-2
Vicat softening temperature A	80	°C	ISO 306

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	880	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding, Film Extrusion, Coating, Blow Molding, Thermoforming, Blown Film Extrusion

Special Characteristics

Transparent

Features

Barrier Properties

Certifications

Food approval

Applications

Packaging