

Hifax CA 207 A

TPO

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577
Melt Flow Index, MFI	7.5	g/10min	ISO 1133
MFI temperature	230	°C	-
MFI load	2.16	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Yield stress	14	MPa	ISO 527
Yield strain	20	%	ISO 527
Stress at Break	22	MPa	ISO 527
Strain at Break	>50	%	ISO 527
Flexural Modulus (23°C)	500	MPa	ISO 178
Notched Impact Strength (Izod)	10	kJ/m ²	ISO 180/1A
Temperature	-40	°C	-
Shore Hardness D (15s)	50	-	ISO 868
ASTM Data			
Tear Strength	122	kN/m	ASTM D 624

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Melting Temperature (10°C/min)	162	°C	ISO 11357-1/-3
Temp. of deflection under load (0.45 MPa)	60	°C	ISO 75-1/-2
Vicat softening temperature A	94	°C	ISO 306

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	900	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding, Wire/Cable Extrusion

Special Characteristics

Impact modified, Heat aging stabilized

Delivery form

Pellets, Natural Color

Features

Blending Resin, Impact Copolymer