

Hifax CA 7271 A TPO

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	11	g/10min	ISO 1133
MFI temperature	230	°C	-
MFI load	2.16	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Yield stress	15	MPa	ISO 527
Yield strain	15	%	ISO 527
Stress at Break	16	MPa	ISO 527
Strain at Break	>50	%	ISO 527
Notched Impact Strength (Charpy), +23°C	60	kJ/m ²	ISO 179/1eA
Flexural Modulus (23°C)	800	MPa	ISO 178
Notched Impact Strength (Izod)	15	kJ/m ²	ISO 180/1A
Temperature	-20	°C	-
Shore Hardness D (15s)	48	-	ISO 868

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Melting Temperature (10°C/min)	163	°C	ISO 11357-1/-3
Temp. of deflection under load (0.45 MPa)	65	°C	ISO 75-1/-2
Vicat softening temperature A	100	°C	ISO 306

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	890	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Natural Color

Special Characteristics

Impact modified

Features

Good Adhesion

Applications

Automotive