

Hiflex CA 7700 A TPO

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	1.4	g/10min	ISO 1133
MFI temperature	230	°C	-
MFI load	2.16	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Stress at Break	10	MPa	ISO 527
Strain at Break	450	%	ISO 527
Notched Impact Strength (Charpy), +23°C	no break	kJ/m ²	ISO 179/1eA
Flexural Modulus (23°C)	170	MPa	ISO 178
Shore Hardness D (15s)	33	-	ISO 868

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Melting Temperature (10°C/min)	143	°C	ISO 11357-1/-3
Temp. of deflection under load (0.45 MPa)	40	°C	ISO 75-1/-2
Vicat softening temperature A	75	°C	ISO 306

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

Characteristics

Processing

Injection Molding, Other Extrusion, Wire/Cable Extrusion

Delivery form

Pellets, Natural Color

Special Characteristics

Impact modified

Features

Blending Resin, Scratch Resistant, Soft Feel

Applications

Automotive, Building Construction, Electrical and Electronical