

CP 396XP

PP

Braskem

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	11	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	19	MPa	ISO 527
Yield strain	6	%	ISO 527
Flexural modulus, 23°C	950	MPa	ISO 178
Izod notched impact strength, +23°C	48	kJ/m ²	ISO 180/1A
Izod notched impact strength	9	kJ/m ²	ISO 180/1A
Temperature	-20	°C	-
Rockwell hardness	R 55	-	ISO 2039-2
ASTM Data			
Tensile Strength at Yield	19	MPa	ASTM D 638
Tensile Strength at Break	17	MPa	ASTM D 638
Rockwell Hardness	R 51	-	ASTM D 785
Izod Impact notched, 1/8 in	N	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	100	J/m	ASTM D 256
Temperature	-20	°C	-

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	49	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	66	°C	ISO 75-1/-2
Vicat softening temperature, A	140	°C	ISO 306
ASTM Data			
DTUL @ 66 psi	85	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	895	kg/m ³	ISO 1183
Density	895	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, South and Central America

Features

Copolymer