

**Polypropylene CP 396XP****Description:**

Heterophasic Copolymer

CP 396XP is a heterophasic copolymer designed for injection process, with high balance of processability, stiffness and impact resistance.

Applications:

Compounds, Injection molded parts with great balance between stiffness and impact strength

Processes:

Injection Molding

Control Properties

Feature	Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	D 1238	g/10 min	11

Typical Properties^a

Feature	Method	Units	Values
Density	D 792	g/cm ³	0.895
Flexural Modulus - 1% Secant	D 790	MPa	850
Tensile Strength at Yield	D 638	MPa	19
Tensile Strength at Rupture	D 638	MPa	17
Rockwell Hardness (R Scale)	D 785	-	51
Notched Izod Impact Strength at 23°C	D 256	J/m	Non-break
Notched Izod Impact Strength at -20°C	D 256	J/m	100
Deflection Temperature under Load at 0.455 MPa	D 648	°C	85

a) Injection molded specimen according to ASTM D 4101.

Final observations

1. The information presented in this Data Sheet reflects typical values obtained in our laboratories, but should not be considered as absolute or as warranted values. Only the properties and values mentioned on the Certificate of Quality are considered as guarantee of the product.
2. In some applications, Braskem has developed tailor-made resins to reach specific requirements.
3. In case of doubt regarding utilization, or for other applications, please contact our Technical Assistance.
4. For information about safety, handling, individual protection, first aids and waste disposal, please see MSDS. CAS: 9010-79-1.
5. For regulatory information concerning the product, please consult the Regulatory Information Sheet or contact our Technical Assistance Area.
6. The mentioned values in this report can be changed at any moment without Braskem previous communication.