

**Datasheet**
Review 3 (Dec / 17)**Polypropylene CP 741****Description:**

Heterophasic Copolymer

CP 741 is a low melt flow rate heterophasic copolymer. It has broad molecular weight distribution and general purpose additive package. CP 741 presents low odor/taste transfer, high melt strength, good processability and excellent impact strength even at low temperatures.

Applications:

low packages and technical parts in general, Sheet extrusion with high Impact Resistance, Thermoformed packages with high impact strength, Corrugated pipes for water drainage of sinks or washbasin

Processes:

Thermoforming, General Extrusion, Blow Molding

Control Properties

Feature	Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	D 1238	g/10 min	0.80

Typical Properties^a

Feature	Method	Units	Values
Density	D 792	g/cm ³	0.895
Flexural Modulus - 1% Secant	D 790	MPa	900
Tensile Strength at Yield	D 638	MPa	24
Tensile Elongation at Yield	D 638	%	13
Rockwell Hardness (R Scale)	D 785	-	59
Notched Izod Impact Strength at 23°C	D 256	J/m	> 400
Notched Izod Impact Strength at -20°C	D 256	J/m	50
Deflection Temperature under Load at 0.455 MPa	D 648	°C	90
Deflection Temperature under Load at 1.820 MPa	D 648	°C	50
Vicat Softening Temperature at 10 N	D 1525	°C	147

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.