

RB2.0HC

Blow Molding Grade

CHARACTERISTIC :

- High clarity
- High heat deflection temperature
- Good gloss properties

APPLICATIONS :

Cosmetic and detergent bottle, syrup bottle, etc.

Physical Properties	Test Method*	Unit	Value
Melt Flow Rate (230 °C / 2.16 kg)	ASTM D 1238	g/10 min	2
Density	ASTM D 792	g/cm ³	0.9
Tensile Yield Strength @ 50 mm / min	ASTM D 638	MPa	30
Tensile Yield Elongation	ASTM D 638	%	13
Flexural Modulus (1% secant) @ 1.3 mm / min	ASTM D 790A	MPa	1300
Notched Izod Impact Strength @ 23 °C	ASTM D 256	J/m	50
Hardness, Rockwell	ASTM D 785	R Scale	85
Deflection Temperature @ 0.455 MPa (4.64 kg/cm ²)	ASTM D 648	°C	100
Vicat Softening Temperature	ASTM D 1525B	°C	125
Melting Temperature DSC, 10 °C/min, 2 nd heat	ASTM D 3418	°C	143

*) Polypropylene tested per ASTM D 4101

Conversion : 1 MPa = 10.2 kgf/cm²
1 kJ/m = 0.01 kgf.cm/mm²²

Recommended Processing Conditions :

Melt Temperature 220 - 240 °C

This material complies with recommendations and statutory regulations in the USA, Japan and most European countries regarding packaging materials intended to come in contact with foodstuff.

The nominal properties reported herein are typical on the product of CAP but do not reflect normal testing variance and therefore should not to be construed as specifications.

CAPC reserves the right to make any improvement or amendments to the composition of any grade or product without alteration to the product code.

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This technical datasheet is effective as from May 2012 and supersedes all previously published data.

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