

BE1.5CS

Corrugated Sheet Grade

CHARACTERISTIC :

- Very high impact strength
- High stiffness

APPLICATIONS :

Corrugated sheet, seat bottom, crates, etc.

Physical Properties	Test Method*	Unit	Value
Melt Flow Rate (230 °C / 2.16 kg)	ASTM D 1238	g/10 min	1.5
Density	ASTM D 792	g/cm ³	0.9
Tensile Yield Strength @ 50 mm / min	ASTM D 638	MPa	27.5
Tensile Yield Elongation	ASTM D 638	%	12
Flexural Modulus (1% secant) @ 1.3 mm / min	ASTM D 790A	MPa	1100
Notched Izod Impact Strength @ 23 °C	ASTM D 256	J/m	600
Hardness, Rockwell	ASTM D 785	R Scale	80
Deflection Temperature @ 0.455 MPa (4.64 kg/cm ²)	ASTM D 648	°C	110
Vicat Softening Temperature	ASTM D 1525B	°C	150
Melting Temperature DSC, 10 °C/min, 2 nd heat	ASTM D 3418	°C	163

*) 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 270 - 320 °C
Mold or Chill Roll Temperature 20 - 35 °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 CAPC 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.

This document reports accurate and reliable information to the best of our knowledge on the products manufactured by CAPC. Since CAPC can not anticipate or control the conditions under which this information and its product may be used, each user should review the information in the specific context of the intended application. CAPC will not be responsible for damages of any nature resulting from the use of or reliance upon the information

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

PT. Chandra Asri Petrochemical Tbk

Wisma Barito Pasific Tower A, 7 Floorth

Jl. Let. Jend. S. Parman Kav. 62-63

Jakarta 11410, Indonesia

T +6221-530 7950, F +6221-530 8930 www.chandra-asri.com



CERTIFICATE ID07 / 0963



CERTIFICATE ID02 / 54337