trilene® POLYPROPYLENE

Chandra Asri Petrochemical

RF8.0CM

CPP Metallizing Skin-Layer Grade

CHARACTERISTIC :
- Excellent clarity
- Excellent gloss
- Low migration

APPLICATIONS :
Metallizing CPP skin layer

Physical Properties	Test Method*	Unit	Value
Melt Flow Rate (230 °C / 2.16 kg)	ASTM D 1238	g/10 min	8
Density	ASTM D 792	g/cm ^{3}	0.9
Tensile Yield Strength @ 50 mm / min	ASTM D 638	MPa	24
Tensile Yield Elongation	ASTM D 638	%	11
Flexural Modulus (1% secant) @ 1.3 mm / min	ASTM D 790A	MPa	900
Notched Izod Impact Strength @ 23 °C	ASTM D 256	J/m	95
Hardness, Rockwell	ASTM D 785	R Scale	85
Deflection Temperature @ 0.455 MPa (4.64 kg/cm^2)	ASTM D 648	°C	75
Vicat Softening Temperature	ASTM D 1525B	°C	124
Melting Temperature DSC, 10 °C/min, 2nd heat	ASTM D 3418	°C	143

*) Polypropylene tested per ASTM D 4101

Conversion : 1 MPa = 10.2 kgf/cm^2
1 kJ/m = 0.01 kgf.cm/mm^{22}

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.

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

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