

RE20WL

Extrusion Coating Grade

CHARACTERISTIC :

- Good Bonding Strength
- Low neck-in
- Good Stiffness
- Good processability.

APPLICATIONS :

Production of BOPP and woven cloth extrusion coating

Physical Properties	Test Method*	Unit	Value
Melt Flow Rate (230 C / 2.16 kg)	ASTM D 1238	g/10 min	22
Density	ASTM D 792	g/cm ³	0.895
Tensile Yield Strength @ 50 mm / min	ASTM D 638	MPa	20
Tensile Yield Elongation	ASTM D 638	%	15
Flexural Modulus (1% secant) @ 1.3 mm / min	ASTM D 790A	MPa	730
Notched Izod Impact Strength @ 23 ^o C	ASTM D 256	J/m	65
Hardness, Rockwell	ASTM D 785	R Scale	65
Deflection Temperature @ 0.455 MPa (4.64 kg/cm ²)	ASTM D 648	°C	65
Vicat Softening Temperature	ASTM D 1525B	°C	121
Melting Temperature DSC, 10 ^o C/min, 2 nd heat)	ASTM D 3418	°C	144

*) Polypropylene tested per ASTM D 4101

Conversion : 1 MPa = 10.2 kgf/cm²
1 kJ/m² = 0.01 kgf.cm/mm²

Recommended Processing Conditions :

Melt Temperature 270 - 320 deg. C

Mold or Chill Roll Temperature 20 - 35 deg. 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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