

TECHNICAL DATA SHEET

PHACT™ CA8570P

PHACT CA8570P is an environment-friendly semi-crystalline bio polymer which has excellent biodegradability. It is a compounded polymer based on Polylactic acid and Amorphous polyhydroxyalkanoate. PHACT CA8570P is designed to use for the application of extrusion coating on paper and non-woven.

PROPERTIES OF PHACT™ CA8570P

Properties	Units	ASTM No	PHACT™ MACA8570P
Forms	-		Pellet
Specific Gravity	-	D792	1.23
Seal Strength	Kgf/15mm	F88	≥ 1.0
Melting Point¹	°C	D3418	169
Glass Transition Temperature	°C	D3418	-17 , 57
Degradation Temperature²	°C	D3418	294
Melt Flow Rate (190 °C, 2.16 kg)	%	D1238	12 ~ 14
Water resistance (Cobb value)	g/m ²	TAPPI T441	< 1

1) Differential Scanning Calorimeter (DSC), peak of endotherm. Heating rate 10 °C/min

2) Thermogravimetric Analysis (TGA), Heating rate 20 °C/min

PROCESSING CONDITION

Dry zone Temperature	95 °C	* Dry zone temperature when using primer	
Feed throat	20 ~ 40 °C		
Feed Temperature	160 ~ 190 °C	Adapters	190 ~ 210 °C
Melt Temperature	190 ~ 210 °C	Nozzle	190 ~ 210 °C

NOTICE

CJ Biomaterials Inc., a division of CJ Cheil Jedang, makes no warranty, express or implied, regarding the information contained herein or its products, including but not limited to any warranty as to the accuracy or completeness of information, or any implied warranty of merchantability or fitness for a particular purpose.

CONTACT



cjbmaterials.com



cj.biomaterials@cj.net



[linkedin.com/cjbmaterials](https://www.linkedin.com/company/cjbmaterials)