

TECHNICAL DATA SHEET

PHACT™ CA8790P

PHACT CA8790P-LF is an environment-friendly bio polymer which has excellent biodegradability. It is a compounded polymer based on Polylactic acid and Amorphous polyhydroxyalkanoate. PHACT CA8790P-LF is suitable for spun-bond and staple fiber non-woven purposes.

PROPERTIES OF PHACT™ CA8790P

Properties	Units	Method	
Forms	-	-	Pellet
Specific Gravity	g/cm ³	ASTM D792	1.23
Melt Flow Rate (190 °C, 2.16 Kg)	g/10min	ASTM D1238	5 ~ 10
Glass Transition Temperature¹	°C	CJ (1 st /2 nd)	-16 / 56
Crystalline Melt Temperature¹	°C	CJ	165 ~ 170

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

PROCESSING CONDITION - Extrusion

Dry Temperature	60 °C X 12 hrs		
Feed Temperature	min. 160 °C	Compression section	min. 180 °C
Melt Temperature	min. 170 °C	Nozzle	min. 190 °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/cjbmaterials)