

TECHNICAL DATA SHEET

PHACT™ CA8770P

PHACT CA8770P_LF is an environment-friendly bio polymer which has excellent biodegradability. It is a compounded polymer based on Polylactic acid and Amorphous polyhydroxyalkanoate. PHACT CA8770P_LF is suitable for spun-bond and staple fiber non-woven purposes.

PROPERTIES OF PHACT™ MA8750A

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
Melt Flow Rate (210 °C, 2.16 kg)	g/10min	ASTM D1238	20 ~ 40
Glass Transition Temperature¹	°C	CJ (1 st /2 nd)	-19 / 60
Crystalline Melt Temperature¹	°C	CJ	165 ~ 175

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

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