

## Specifications of sc-PLA

Stereo Complex PLA or sc-PLA is produced from compounding of L-PLA and D-PLA. This process increase the heat resistance property of the resin . sc-PLA resins can withstand temperature to 230C, thus the resins can be processed at high temperature. sc-PLA can be thermoformed into microwavable containers, heat resistance injection molding products and fibers and yarns that require ironing.

The followings are typical properties of sc-PLA :

	<u>Thermoforming grade</u>	<u>Injection molding/fiber grade</u>
Melt Flow Index (MFI)		
2.16 kg/190C (g/10 min.)	4-8	10-20
Tm (melting temperature)	175-182 C	175-182 C
Heat resistance temperature	230 C	230 C