

TO WHOM IT MAY CONCERN,

April 13, 2015

Health Certificate

▶ **Grade : TOPILENE® J340**

We, HYOSUNG CORPORATION, hereby certify that our polypropylene resin TOPILENE® J340 is a Copolymer which is specially designed for injection application.

Our test result complies with the requirement of the U. S. FDA
(Food and Drug Administration) as specified in FDA 21 CFR 177.1520

Test Item	UNIT	Result	Limit
■ Density at 23 °C	gm/mL	PASS	0.85 – 1.00
■ Extractable fraction in n-hexane at 50 °C for 2 hours	W/W %	PASS	5.5 max
■ Soluble fraction in xylene at 25 °C for 2 hours	W/W %	PASS	30.0 max



Yong Sung Lee

Chief of Market Development Team

PP/DH Performance Unit, HYOSUNG CORPORATION