

To whom it may concern,

March 9, 2020

Health Certificate

► **Grade : Topilene® R530A**

We, Hyosung Chemical Corporation, hereby certify that our polypropylene resin Topilene® R530A 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 PP Technical Service Team

PP/DH Performance Unit

HYOSUNG CHEMICAL CORPORATION