

HYOSUNG POLYPROPYLENE

PRODUCT DATA SHEET

TOPILENE® R530

● CHARACTERISTICS

TOPILENE® R530 is a well designed random copolymer that features excellent processability and good clarity for pharmaceutical, cosmetic and food contact products.

- ◇ TOPILENE® R530 complies with FDA regulation, 21 CFR 177.1520.
- ◇ TOPILENE® R530 certified with USP Class VI
- ◇ TOPILENE® R530 assigned the FDA Drug Master File No. : DMF 21499

● PROCESS GUIDE LINE

Require no pre-drying before processing. But, moisture might give a bad molding condition and make some quality problems. If it has any moisture, it would be needed pre-drying.
(drying condition : 80~100℃/2~4hrs at air circulated condition)

- ◇ Injection Temperature : 190~220℃

● PROPERTIES

PROPERTY	ASTM METHOD	UNIT	VALUE
Density	D792	g/cm ³	0.90
Melt Flow Index	D1238	g/10min	7.0
Tensile Strength	D638	kg/cm ²	280
Flexural Modulus	D790	kg/cm ²	9,500
Izod Impact Strength at 23℃	D256	kg·cm/cm	5.0
Remark			Transparency USP Class VI CFDA FDA DMF 21499

* The data listed here is typical value not for the specification warranty.

● APPLICATIONS

- ◇ Intravenous Bottle (ISBM)
- ◇ Food and Cosmetic Containers