

RANDOM PP R520F

YUPLENE R520F is propylene random copolymer designed for use in blow molding, and ISBM (Injection stretch blow molding). YUPLENE R520F offers high Vicat softening point and low temperature toughness, YUPLENE R520F is suitable for application which needs high temperature heat treatment step.

YUPLENE R520F is designed for the medical applications. YUPLENE R520F complies with FDA regulation 21 CFR177.1520 for all food contact and it meets the United States Pharmacopia (USP) test requirement.

Application / Use Case

Blow Molding / Intravenous bottle, Transparent container (IBM,ISBM)

Characteristics

Direct Blow

Specification

	Specification	Unit	Test Method
Melt Index	1.8	g/10min	ASTM D1238

Physical Properties

	Value	Unit	Test Method
IZOD Impact Strength(Notched, 23°C)	10	kg·cm/cm	ASTM D256
Softening Point(Vicat)	135	°C	ASTM D1525
Tensile Strength at Yield	290	kg/cm ²	ASTM D638
Elongation at Break	>500	%	ASTM D638

Head Office 99 Seorin-dong, Jongno-gu, Seoul 110-110, Korea
Tel. 82-2-2121-5114 Fax. 82-2-2121-7001
SK Institute of 140-1 Woncheon-dong, Yuseong-gu, Taejeon, Korea
Technology Tel. 82-42-866-7624 Fax. 82-42-866-7603
Online www.skglobalchemical.com
www.skchem.com

ISO 9001 Certified



Flexural Modulus	11000	kg/cm ²	ASTM D790
Spiral Flow	500	mm	SK Method
Hardness(Rockwell)	80	R Scale	ASTM D785
Heat Distortion Temperature	82	°C	ASTM D648
Accelerated Oven Aging(in Air at 150°C)	360	hr	ASTM D3012

These are typical properties only, and are not to be construed as specific limits.