



Data Sheet
Date Prepared:

RANDOM PP R140M

YUPLENE R140M is propylene random copolymer designed for use in casting film application, especially for semi-Retort Pouch. YUPLENE R140M has excellent optical properties, impact strength and heat sealing properties. YUPLENE R140M shows high heat sealing strength.

YUPLENE R140M shows outstanding heat stability and outstanding processing uniformity and processability. YUPLENE R140M complies with FDA regulation in 21 CFR 178.2010 for food packaging substances with adequate additives. And contains no dangerous substances according to Federal Regulations in 21 CFR 177.1520.

Application / Use Case

Film / CPP co-extrusion, Retort pouch

Characteristics

High Transparency, High Gloss, Low temp heat sealing

Specification

	Specification	Unit	Test Method
Density	0.905	g/cm ³	ASTM D1505
Melt Index	6.0	g/10min	ASTM D1238

Physical Properties

	Value	Unit	Test Method
IZOD Impact Strength(Notched, 23°C)	8.0	kg·cm/cm	ASTM D256
Softening Point(Vicat)	132	°C	ASTM D1525

Head Office 99 Seorin-dong, Jongno-gu, Seoul 110-110, Korea
Tel. 82-2-2121-5114 Fax. 82-2-2121-7001

SK Institute of Technology 140-1 Woncheon-dong, Yuseong-gu, Taejeon, Korea
Tel. 82-42-866-7624 Fax. 82-42-866-7603

Online www.skglobalchemical.com
www.skchem.com

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Tensile Strength at Yield	260	kg/cm ²	ASTM D638
Elongation at Break	>500	%	ASTM D638
Flexural Modulus	10000	kg/cm ²	ASTM D790
Spiral Flow	550	mm	SK Method
Hardness(Rockwell)	78	R Scale	ASTM D785
Heat Distortion Temperature	75	°C	ASTM D648
Accelerated Oven Aging(in Air at 150°C)	360	hr	ASTM D3012
Mold Shrinkage	1.5 – 2.0	%	SK Method

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

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