



HCPP HX3300H

YUPLENE HX3300H is a high crystalline polypropylene homopolymer designed for injection molding applications. YUPLENE HX3300H has excellent properties in stiffness, flow, heat resistance and good dimensional stability. YUPLENE HX3300H can be used for auto parts, household articles, electric appliances and various containers. YUPLENE HX3300H can reduce various injection problems such as surface trouble, shrink, warpage etc. and reduce the cycle time of injection molding due to rapid crystallization. Especially, HX3300H has excellent long-term thermal stability.

YUPLENE HX3300H complies with FDA regulation 21 CFR177.1520.

Application

Injection Molding / automobile applications, industrial parts for electronic

Characteristics

High stiffness, High dimensional stability, High Heat Resistance

Physical Properties

	Value	Unit	Test Method
Melt Index	5	g/10min	ASTM D1238
Softening Point (Vicat)	158	°C	ASTM D1525
Tensile Strength at Yield	390	kg/cm ²	ASTM D638
Elongation at Break	<300	%	ASTM D638
IZOD Impact Strength (Notched, 23°C)	4	kg·cm/cm	ASTM D256
Flexural Modulus	22000	kg/cm ²	ASTM D790
Hardness(Rockwell)	110	R Scale	ASTM D785
Heat Distortion Temperature	130	°C	ASTM D648

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

Head Office 99 Seorin-dong, Jongno-gu, Seoul 110-110, Korea
 Tel. 82-2-2121-7332 Fax. 82-2-2121-6909
 SK Institute of 140-1 Woncheon-dong, Yuseong-gu, Taejeon, Korea
 Technology Tel. 82-42-609-8621 Fax. 82-42-609-8603
 Online www.skglobalchemical.com
www.skchem.com

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