

Impact PP B310F

YUPLENE B310F is a propylene impact copolymer designed for injection molding applications. YUPLENE B310F has excellent toughness, good dimensional stability and has been listed by Underwriters Laboratories (UL). YUPLENE B310F is suitable for household articles, chairs, containers, and automobile parts. YUPLENE B310F complies with FDA regulation 21 CFR177. 1520.

Application

Injection Molding, Extrusion Sheet, Extrusion Molding,
Automobile applications, Battery case, Home appliances, Industrial parts for electronic

Characteristics

High Impact Strength, High Toughness

Physical Properties

	Value	Unit	Test Method
Melt Index (2.16kg, 230°C)	1.5	g/10min	ASTM D1238
Tensile Strength at Yield	270	kg/cm ²	ASTM D638
Elongation at Break	<500	%	ASTM D638
Flexural Modulus	12000	kg/cm ²	ASTM D790
Izod Impact Strength (Notched, 23°C)	25	kg·cm/cm	ASTM D256
Izod Impact Strength (Notched, -20°C)	8	kg·cm/cm	ASTM D256
Hardness (Rockwell)	85	R Scale	ASTM D785
Softening Point (Vicat)	150	°C	ASTM D1525
Heat Distortion Temperature (0.45Mpa)	110	°C	ASTM D648

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

** Processing method: Injection Molding