

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 / Use Case

Injection / Automobile applications, Battery case, Home appliances,
Industrial parts for electronic

Characteristics

High Impact Strength

Specification

	Value	Unit	Test Method
Melt Index	1.5	g/10min	ASTM D1238

Physical Properties

	Value	Unit	Test Method
IZOD Impact Strength(Notched, 23°C)	25.0	kg-cm/cm	ASTM D256
IZOD Impact Strength(Notched, -20°C)	8.0	kg-cm/cm	ASTM D256
Softening Point(Vicat)	150	°C	ASTM D1525
Tensile Strength at Yield	270	kg/cm ²	ASTM D638
Elongation at Break	>500	%	ASTM D638
Flexural Modulus	12000	kg/cm ²	ASTM D790

Hardness(Rockwell)	85	R Scale	ASTM D785
Heat Distortion Temperature	110	°C	ASTM D648
Accelerated Oven Aging(in Air at 150°C)	360	hr	ASTM D3012
Dupont Impact at -10°C	>40	kg·cm	ASTM D2794
Spiral Flow	450	mm	SK Method

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