

IMPACT PP B351F

YuPLENE B351F is a propylene impact copolymer designed for injection molding applications. YUPLNE B351F has excellent toughness and good dimensional stability, which make YUPLNE B351F suitable for household articles, electric appliances, battery cases and various containers.

YUPLNE B351F complies with FDA regulation 21 CFR177.1520.

Application / Use Case

Injection Molding / automobile applications, battery case, home appliances, industrial parts for electronic

Physical Properties

	Value	Unit	Test Method
Melt Index	9.0	g/10min	ASTM D1238
Density	0.9	g/cm ³	ASTM D1505
Softening Point (Vicat)	150	°C	ASTM D1525
Tensile Strength at Yield	270	kg/cm ²	ASTM D638
Elongation at Break	>500	%	ASTM D638
IZOD Impact Strength (Notched, -20°C)	4	kg-cm/cm	ASTM D256
IZOD Impact Strength (Notched, 23°C)	12	kg-cm/cm	ASTM D256
Dupont Impact Strength at -10°C	>30	kg-cm	ASTM D2794
Spiral Flow	700	mm	SK Method
Flexural Modulus	12000	kg/cm ²	ASTM D790
Hardness(Rockwell)	90	R Scale	ASTM D785
Heat Distortion Temperature	110	°C	ASTM D648
Shrinkage	1.8	%	SK Method
Accelerated Oven Aging at 150°C	360	hr	ASTM D3012

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