

IMPACT PP

B380G

Description

YUPLENE B380G is a propylene impact copolymer designed for injection molding applications. YUPLENE B380G has high stiffness, excellent dimensional stability, good impact strength and has been listed by Underwriters Laboratories (UL). YUPLENE B380G is especially suitable for various electrical appliances such as washing machine parts and refrigerator parts.

Application

Injection Molding / automobile applications, industrial parts for electronic, large container

Physical Properties

Term/Item	Value	Unit	Test Method
Melt Index	28.0	g/10min	ASTM D1238
Softening Point(Vicat)	150	°C	ASTM D1525
Tensile Strength at Yield	280	kg/cm ²	ASTM D638
Elongation at Break	<300	%	ASTM D638
IZOD Impact Strength(Notched, -20°C)	4.5	kg-cm/cm	ASTM D256
IZOD Impact Strength(Notched, 23°C)	9	kg-cm/cm	ASTM D256
Dupont Impact at -10°C	>70	kg-cm	ASTM D2794
Spiral Flow	>800	mm	SK Method
Flexural Modulus	15000	kg/cm ²	ASTM D790
Hardness(Rockwell)	90	R Scale	ASTM D785
Heat Distortion Temperature	110	°C	ASTM D648
Accelerated Oven Aging(in Air at 150°C)	360	hr	ASTM D3012