K4510B

Polypropylene (PP)

Description:

K4510B is a Random Copolymer Polypropylene (Random co-PP), with high transparency and medium melt flow index for using in injection molding or inject stretch blow molding process. The features is high clarity and moderate impact strength. It is suitable used for household products such as food container, consumer products, and etc.

Typical applications;

Injection molding: food container, housewares, consumer products

Physical Properties:	Method	Unit	Value
Density	ASTM D792	g/cm^3	0.90
Melt Flow Index (2.16 kg/230°C)	ASTM D1238	g/10min	10
Tensile Strength at Yield	ASTM D638	MPa	30
Notched Izod Impact Strength (at 23°C)	ASTM D256	J/m	70
Flexural Modulus (1% SECANT)	ASTM D790	MPa	1150
Heat Distortion Temperature @ 4.6 kg	ASTM D648	°C	85

Processing Technique
Processing Temperature : 200 - 240 °C
However, the actual processing conditions depend on mold design, power of machine, equipment and other environments.

Remark: The values presented on the above are typical laboratory average, not to be construed as specifications and may vary within moderate ranges. The applicability or the accuracy of this information or the suitable of our products cannot be guaranteed because the conditions of use on the part or our uses are beyond our control.

Provisional Data Sheet

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