

K4510

Polypropylene (PP)

Description:

K4510 is a Random Copolymer Polypropylene (Random co-PP), which has high transparency and medium melt flow index for injection molding or inject stretch blow molding process. Its features are high clarity appearance and moderate impact strength. It's suitable for household products such as baby bottle, consumer products, etc.

Typical applications:

Injection molding : baby bottle, 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	34
Notched Izod Impact Strength (at 23°C)	ASTM D256	J/m	50
Flexural Modulus (1% SECANT)	ASTM D790	MPa	1200
Heat Distortion Temperature @ 4.6 kg	ASTM D648	°C	90

Processing Technique

Processing Temperature : 220 – 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 suitability of our products cannot be guaranteed because the conditions of use on the part or our uses are beyond our control.



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