



Data Sheet
Date Prepared:

HDPE JK910

YUCLAIR JK910 is high density polyethylene resins with high melt index of 20 g/10min. It offers good processability combined with good rigidity. This resin is particularly suitable for the application requiring good processability such as housewares, toys and sundry goods.

Application / Use Case

Injection Molding / home appliances, large product

Specification

	Specification	Unit	Test Method
Density	0.961	g/cm ³	ASTM D1505
Melt Index	20.0	g/10min	ASTM D1238

Physical Properties

	Value	Unit	Test Method
Softening Point(Vicat)	123	°C	ASTM D 1525
Tensile Strength at Yield	260	kg/cm ²	ASTM D638
Tensile Strength at Break	50	kg/cm ²	ASTM D638
Elongation at Break	220	%	ASTM D638
IZOD Impact Strength(Notched, 23°C)	4	kg cm/cm	ASTM D256
Brittleness Temperature	<-80	°C	ASTM D746
Flexural Modulus	9200	kg/cm ²	ASTM D790

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

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