



Data Sheet
Date Prepared:

HDPE JM710

YUCLAIR JM710 is high density polyethylene resin with very high melt index of 33 g/10min. This resin is particularly suitable for the application requiring good processability.

Application / Use Case

Injection Molding / high speed injection, thin container

Specification

	Specification	Unit	Test Method
Density	0.950	g/cm ³	ASTM D1505
Melt Index	45.0	g/10min	ASTM D1238

Physical Properties

	Value	Unit	Test Method
Softening Point(Vicat)	122	°C	ASTM D 1525
Tensile Strength at Yield	230	kg/cm ²	ASTM D638
Tensile Strength at Break	70	kg/cm ²	ASTM D638
Elongation at Break	270	%	ASTM D638
IZOD Impact Strength(Notched, 23°C)	2	kg cm/cm	ASTM D256
Brittleness Temperature	<-80	°C	ASTM D746
Flexural Modulus	8500	kg/cm ²	ASTM D790

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

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