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Data Sheet

Date Prepared:

HDPE 8300

YUZEX 8300 is a high-density polyethylene resin with narrow molecular weight distribution. So it shows high tenacity, stiffness and very good drawability. Yuzex 8300 is suitable for blending with PE products to improve stiffness and barrier properties. Yuzex 8300 gives minimum die drool and excellent thermal stability due to its excellent antioxidant.

Application / Use Case

Blown film, Packaging film, Stand-up pouches, Multilayer packaging film, etc.

Properties

Extensibility, Processability

Specification

	Specification	Unit	Test Method
Density	0.963	g/cm^3	ASTM D1505
Melt Index	0.70	g/10min	ASTM D1238

Physical Properties

	Value	Unit	Test Method
Softening Point(Vicat)	124	°C	ASTM D1525
Tensile Strength at Yield	270	kg/cm^2	ASTM D638
Elongation at Break	>500	%	ASTM D638
Flexural Modulus	12000	kg/cm^2	ASTM D790
Brittleness Temperature	<-80	℃	ASTM D746

These are representative properties.

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