



Data Sheet

Date Prepared:

# HDPE 3301

YUZEX 3301 is a high-density polyethylene resin with narrow molecular weight distribution. So it shows high tenacity, stiffness and very good drawability. Yuzex 3301 gives minimum die drool and excellent thermal stability because of its well designed antioxidant package.

## Application / Use Case

Mono Filament / band, fishing net, rope, woven bags

## Specification

	Specification	Unit	Test Method
Density	0.954	g/cm <sup>3</sup>	ASTM D1505
Melt Index	0.80	g/10min	ASTM D1238

## Physical Properties

	Value	Unit	Test Method
Softening Point(Vicat)	123	°C	ASTM D1525
Tensile Strength at Yield	250	kg/cm <sup>2</sup>	ASTM D638
Elongation at Break	220	%	ASTM D638
Hardness	D63	Shore D	ASTM D2240
Flexural Modulus	9000	kg/cm <sup>2</sup>	ASTM D790
Brittleness Temperature	<-80	°C	ASTM D746
ESCR	>30	hr	ASTM D1693

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

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