

# HDPE 2520

YUZEX 2520 is high density polyethylene resin for ordinary small-size bottles. YUZEX 2520 shows high rigidity and excellent stress cracking resistance. So especially this grade enjoys good market share for containers such as detergent, shampoo, bleach and cosmetic. 2520 has good processibility by virtue of the wide molecular weight distribution. YUZEX 2520 complies with FDA regulation 21 CFR177.1520.

## Application / Use Case

Blow Molding / small bottle(Milk etc.)

## Specification

	Specification	Unit	Test Method
Density	0.958	g/cm <sup>3</sup>	ASTM D1505
Melt Index	0.35	g/10min	ASTM D1238

## Physical Properties

	Value	Unit	Test Method
Tensile Strength at Yield	280	kg/cm <sup>2</sup>	ASTM D638
Elongation at Break	>500	%	ASTM D638
IZOD Impact Strength(Notched, 23°C)	12	kg cm/cm	ASTM D256
Hardness	D63	Shore D	ASTM D2240
Flexural Modulus	11000	kg/cm <sup>2</sup>	ASTM D790
Brittleness Temperature	<-80	°C	ASTM D746
ESCR	300	hr	ASTM D1693

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