

HDPE 2500

YUZEX 2500 is a high density polyethylene product designed for blow molding applications. In particular, it has excellent stiffness and impact strength, making it suitable for use in small or medium sized containers, toys and chemicals containers.

YUZEX 2500 complies with FDA regulation 21 CFR177.1520.

Application / Use Case

Blow Molding

Specification

	Data	Unit	Test Method
Density	0.963	g/cm ³	ASTM D1505
Melt Index	0.28	g/10min	ASTM D1238

Physical Properties

	Data	Unit	Test Method
Hardness (Shore D)	64	Shore D	ASTM D1525
Tensile Strength at Yield	290	kg/cm ²	ASTM D638
ESCR	40	hr	ASTM D1693
IZOD Impact Strength(Notched, 23°C)	NB	kg·cm/cm	ASTM D256
Flexural Modulus	12000	kg/cm ²	ASTM D790
Brittleness Temperature	< -80	°C	ASTM D746

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

