

HDPE 7200

YUZEX 7200 is high density polyethylene resin for general purpose and industrial uses, particularly suitable for bottles crates, vegetable and fruit containers, tool boxes and shipping crates. YUZEX 7200 is the preferred grade for applications in which good rigidity and impact strength distribution and factors. Such excellent quality as above owe to the narrow molecular weight distribution and adequate molecular weight and density.

YUZEX 7200 complies with FDA regulation 21 CFR177. 1520 for all food contact.

Application / Use Case

Injection Molding / Bottle crate, large box

Specification

	Specification	Unit	Test Method
Density	0.968	g/cm ³	ASTM D1505
Melt Index	5.0	g/10min	ASTM D1238

Physical Properties

	Specification	Unit	Test Method
Softening Point(Vicat)	130	°C	ASTM D1525
Tensile Strength at Yield	320	kg/cm ²	ASTM D638
Tensile Strength at Break	170	kg/cm ²	ASTM D638
Elongation at Break(MD)	>500	%	ASTM D638
IZOD Impact Strength(Notched, 23°C)	5	kg cm/cm	ASTM D256
Flexural Modulus	13000	kg/cm ²	ASTM D790
Brittleness Temperature	<-80	°C	ASTM D746

Note: These are **typical properties** only, and are **not to be construed as specifications**. The physical properties are highly dependent on the manufacturing conditions. So customers should performances by their own tests.

ISO 9001 Certified

