

YUZEX® 7200

High Density Polyethylene
SK Global Chemical

Message:

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 are requisite factors. Such excellent quality as above owe to the narrow molecular weight distribution and adequate molecular weight and density.

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

General Information			
Features	Food Contact Acceptable		
	High Density		
	High Impact Resistance		
	High Rigidity		
	Narrow Molecular Weight Distribution		
Uses	Containers		
	Crates		
	General Purpose		
	Industrial Applications		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.968	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance	40.0	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	24.5	MPa	
Break	16.7	MPa	
Tensile Elongation - Flow (Break)	500	%	ASTM D638
Flexural Modulus	1270	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	49	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	130	°C	ASTM D1525

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Recommended distributors for this material

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