

YUZEX® 2500

High Density Polyethylene

SK Global Chemical

Message:

YUZEX 2500 is high density polyethylene resin for medium or large containers such as kerosene cans, etc. It shows excellent rigidity and strength by virtue of adequate molecular weight and density and good impact strength owe to the narrow molecular weight distribution. Yuzex 2500 complies with FDA regulation 21 CFR177.1520.

General Information			
Features	Food Contact Acceptable		
	Good Impact Resistance		
	Good Strength		
	High Rigidity		
	Narrow Molecular Weight Distribution		
Uses	Blow Molding Applications		
	Containers		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.963	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.28	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance	40.0	hr	ASTM D1693
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	64		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	28.4	MPa	ASTM D638
Flexural Modulus	1180	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	No Break		ASTM D256
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -80.0	°C	ASTM D746

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Recommended distributors for this material

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