

Toler PE PE862

High Density Polyethylene

Toler Chemical, Inc

Message:

Toler PE PE862 is a High Density Polyethylene product. It can be processed by injection molding and is available in North America. Applications of Toler PE PE862 include containers, food contact applications and trays/racks.

Characteristics include:

Good Aesthetics

High Stiffness

Impact Resistant

Warp Resistant

General Information			
Features	Good Impact Resistance		
	Good Surface Finish		
	High Stiffness		
	Warp Resistant		
Uses	Crates		
	Pails		
	Support Trays		
Agency Ratings	ASTM D 1248, III, Class A, Cat. 3		
	FDA 21 CFR 177.1520 2		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.959 to 0.963	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.0 to 9.0	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (F50)	10.0	hr	ASTM D1693A
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	31.0	MPa	ASTM D638
Tensile Elongation (Break)	300	%	ASTM D638
Flexural Modulus	1900	MPa	ASTM D790
Injection	Nominal Value	Unit	
Processing (Melt) Temp	204 to 260	°C	

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Recommended distributors for this material

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