

Hyundai EP Barrier E100P-R/Natural

Polyolefin
HYUNDAI EP Co., Ltd.

Message:
Hyundai EP Barrier E100P-R/Natural is a Polyolefin product. It can be processed by blow molding and is available in Asia Pacific. Typical application: Packaging. Primary characteristic: impact resistant.

General Information			
Features	High Impact Resistance		
	Oxygen Barrier		
Uses	Food Packaging		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.10	g/cm ³	Internal Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Moisture Content	0.15	wt%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	35.3	MPa	ASTM D638
Tensile Elongation (Break)	20	%	ASTM D638
Films	Nominal Value	Unit	Test Method
Oxygen Permeability	0.25	cm ³ ·mm/m ² /atm/24 hr	
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	188	°C	DSC

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