

PCC HD 5218 EA

High Density Polyethylene

PCC Plastics & Consultations Center

Message:

HD 5218 EA is an easy flow high density polyethylene copolymer grade with a narrow molecular weight distribution, suitable for this wall injection moulding applications.

Characteristics:

Good flow properties

High warpage food containers

Suitable for fast cycling applications

Applications:

Housewares

Thin walled food containers

PET bottle base cup

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Copolymer		
	Good Flow		
	Good Processability		
	High Density		
	Narrow Molecular Weight Distribution		
Uses	Bottles		
	Food Containers		
	Household Goods		
	Thin-walled Containers		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.952	g/cm ³	ISO 1872-1
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	18	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance (23°C, F50)	123	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strain ¹ (Break)	1100	%	Internal Method
Flexural Modulus	5.00	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	27.0	°C	ISO 306
NOTE			
1.	BP 13B/1		

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