

HIVOREX 5220BN

High Density Polyethylene

Lotte Chemical Corporation

Message:

High speed processability, Good ESCR , Good surface, Anti-static

General Information			
Additive	Antistatic		
Features	Antistatic		
	Fast Molding Cycle		
	Good Surface Finish		
	High ESCR (Stress Crack Resist.)		
Uses	Bottles		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	0.958	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.35	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (F50)	400	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	27.5	MPa	ASTM D638
Tensile Elongation (Break)	> 500	%	ASTM D638
Flexural Modulus	1320	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	120	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -80.0	°C	ASTM D746
Vicat Softening Temperature	123	°C	ASTM D1525

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