

Product information			
Manufacturer	DAELIM INDUSTRIAL CO., LTD.		
Other Certificates	ROHS MSDS		
Part Marking Code	>HDPE<		
Color	NC		
Material Shape	Pellets		
Process	Blow molding		
Material Attribute specification	Food Contact grade • FDA 21 CFR 177.1520		
Features	• High impact • High stiffness • Good moldability • Good processability		
Application	• Bleach bottle • Cosmetic bottles • Detergent bottle • Food container • Shampoo bottle • Bottles • Vials		
Additives	Antioxidant		
Physical property	Standard	Value	Unit
Density	ASTM D1505	0.955	g/cm ³
Melt Index 190°C 2.16kg	ASTM D1238	0.35	g/10min
Environmental Stress Crack Resistance F50 Condition B	ASTM D1693	30	hr
Mechanical behavior	Standard	Value	Unit
Tensile Strength Yield	ASTM D638	280	kg/cm ²
Elongation Break	ASTM D638	600	%
Flexural Modulus	ASTM D790	14000	kg/cm ²
Izod Notch Impact -30°C	ASTM D256	35	kg-cm/cm
Thermal	Standard	Value	Unit
Vicat Softening Temperature	ASTM D1525	129	°C
Melting Temperature	ASTM D3418	133	°C

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