

Hanwha

High Density Poly Ethylene

7390

Caps & closures

for the packaging mineral water

MELT INDEX

4.0

DENSITY

0.958

HANWHA HDPE 7390 is designed to be processed in by both injection molding and compression molding. HDPE 7390 has well balanced property of mechanical property and processability.

This product complies with U.S. FDA regulation 21 CFR 177.1520 (c) 2.1.

■ Benefits and Features

- Harmless Product of human body
- Very good stress cracking resistance
- Excellent processing performances
- High impact strength

■ Additives

- Antioxidant

■ Resin Properties

Test Items	Unit	Test Method	Typical Value
Melt Index	g/10min	ASTM D1238	4.0
Density	g/cc	ASTM D1505	0.958
Tensile Strength(Break Point)	kg/cm ²	ASTM D638	250
Elongation(Break Point)	%	ASTM D638	>500
Flexural Modulus	kg/cm ²	ASTM D790	10,000
Izod Impact Strength	kgcm/cm	ASTM D256	10
Hardness(Shore D)	–	ASTM D2240	66
Melting Point	°C	ASTM D3418	133
Vicat Softening Point	°C	ASTM D1525	126

1. The values given are typical values measured on the product.
2. These values should not be considered as specification.

