

# **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**

<b>Test Items</b>	<b>Unit</b>	<b>Test Method</b>	<b>Typical Value</b>
Melt Index	g/10min	ASTM D1238	4.0
Density	g/cc	ASTM D1505	0.958
Tensile Strength(Break Point)	kg/cm <sup>2</sup>	ASTM D638	250
Elongation(Break Point)	%	ASTM D638	>500
Flexural Modulus	kg/cm <sup>2</sup>	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.

