

HANWHA

Low Density Polyethylene

5322F

Non-Crosslinked Foam Grade

MELT INDEX **4.0**
DENSITY **0.922**

HANWHA LDPE 5322F is manufactured by ICI autoclave high pressure process and designed for Non-Crosslinked Foam. LDPE 5322F has well balanced mechanical property and processability.

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

▣ Outstanding Properties

Good Processability
Good Mechanical Property

▣ Processing Conditions

Melt Temperature : 170 ~ 190°C

▣ Additives

Slip agent(1000ppm), Antioxidant

▣ Physical Properties

Physical Properties	Unit	Test Method	Value
Melt Index	g/10min	ASTM D1238	4.0
Density	g/cc	ASTM D1505	0.922
Vicat Softening Point	°C	ASTM D1525	87
Melting Point	°C	HCC Method	111
Tensile Strength at Break	kg/cm ²	ASTM D638	115
Elongation at Break	%	ASTM D638	700

1. These are typical properties : not to be construed as specification.
2. The value for this property is dependent on part geometry and fabrication conditions.

