

# TECHNICAL DATA SHEET

## HDPE HHM5502BN

### PRODUCT DESCRIPTION:

HHM5502BN is a high density polyethylene for small hollow blow molding applications. It has a good combination of high rigidity and high stress resistance cracking. The product contains antioxidant and wide molecular weight distribution.

### TYPICAL APPLICATIONS:

It is used in household & industrial chemical containers, food packaging containers, bleach & detergents containers and toys.

PROPERTY	VALUE	UNIT	ASTM
Density (23℃)	0.955	g/cm <sup>3</sup>	GB/T 1033.2
Melt index (190℃/2.16kg)	0.35	g/10min	GB/T 3682.1
Tensile Stress at Yield	≥20	MPa	GB/T 1040.2
Nominal Tensile Strain At Break	>800	%	GB/T 1040.2
Charpy Notched Impact Strength (23℃)	9.5	kJ/m <sup>2</sup>	GB/T 1043.1
ESCR(Condition B,F50)	>25	h	GB/T 1842

Note: the above data are only typical analysis values, not product specifications, customer should confirm the suitability and results through their own testing.

### PACKING:

FFS Bag: 25kg/bag

### MATTERS NEED ATTENTION:

Products should be stored in a well-ventilated, dry, clean warehouse with good fire protection facilities. When storing, it should be kept away from heat source and prevent direct sunlight. It is strictly prohibited to pile up in the open air.