

HDPE**HDPE ZH5502H****HIGH DENSITY POLYETHYLENE (HDPE)**

This high-density polyethylene (HDPE) blow-molding resin combines high density, high modulus and rigidity with good environmental stress-crack resistance and excellent processability, and is targeted at blow molding of small-sized containers.

Typical Application

- Small-sized blow-molded containers

Product Characteristics

- High density, modulus, and rigidity
- Good environmental stress-crack resistance (ESCR)
- Excellent processability

Physical Properties

Properties	Test Method	Typical Value	Unit
Melt Flow Rate (190°C/2.16kg)		0.25	g/10 min
Density		0.955	g/cm ³
Tensile Stress at Yield		28	MPa
Environmental Stress Crack Resistance (50°C, F50)		38	h

1. Typical values per the producer's published family data; grade-specific certificate of analysis supplied per lot at order.

2. The nominal properties reported herein are typical of the product and do not reflect normal testing variance; they should not be used for specification purposes.