

HDPE HDB 501

High Density Polyethylene



Overview

HDPE HDB 501 is a high molecular weight high density polyethylene copolymer. It has a combination of excellent stress cracking resistance, rigidity and impact strength.

Applications

- Blow Molding Applications
- Foam
- Food Packaging
- Industrial Applications
- Industrial Parts
- Pallets

Property	Value	Unit	ASTM
Melt index (condition 230°C/2.16 kg)	9.0	g/10 min	D 1238
Density (g/cm ³)	0.950	g/cm ³	D 792
Tensile Strength (Yield)	26.2	MPa	D638
Tensile Elongation (Break)	600	%	D638
Flexural Modulus	1210	MPa	D790
Notched Izod Impact	530	J/m	D256
Blow Molding Temperature	188-232	°C	
Extrusion Melt Temperature	193-249	°C	