

HI0500 HDPE

HI0500 is a natural high density polyethylene (HDPE) injection molding grade which combines high stiffness with good physical properties.

Application:

- Crates and Pallet
- Industrial parts
- Thick wall parts
- Food Containers
- Engineering Parts
- Tool Boxes



Features:

- Good Impact Strength
- Good Stiffness

#	Property	Unit	Value	Test Method
1	Mass Density (23°C)	g/cm ³	0.963-0.967	ASTM D 1505
2	Melt Flow Rate (1900°C/2.16 kg)	g/10 min	4-6	ASTM D 1238

#	Property	Unit	Value	Test Method
3	Ash content	WT %	0.06 max	ASTM D 1063
4	Volatile matter	WT %	0.05 max	ASTM D 1960
5	Tensile strength @ break	gr/cm ²	170 min	ASTM D 638
6	Elongation @ break	%	300 min	ASTM D 648
7	Melting point	°C	>130	ASTM D 2117
8	Vicat softening point	°C	>124	ASTM D 1525
9	ESCR	HR	4	ASTM D 1693

For technical assistance or further information on this product contact us.

