

# AKSAD GROUP PETROCHEM

## HI0500

### 1) Product Description

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

### 2) Applications

- Crates
- Industrial parts
- Thick wall parts

### 3) Typical data

Properties	Value	Unit	Method
Mass density (230 C)	0.963-0.967	g/cm <sup>3</sup>	ASTM D 1505
Melt Flow Rate (1900 C/2.16 kg)	4-6	g/10min	ASTM D1238
Ash content	0.06 max	wt%	ASTM D 1063
Volatile matter	0.05 max	wt%	ASTM D 1960
Tensile strength @ break	170 min	gr/cm ASTM D 638 2	ASTM D 638
Elongation @ break	300 min	%	ASTM D 638
Melting point	130	C°	ASTM D 2117
Vicat softening point	124	C°	ASTM D 1525
ESCR	4	hr	ASTM D 1693

This data are typical values and are not to be construed as product specifications.

### 4) Process conditions

HI0500 can be processed in most types of injection moulding equipment.

### Packing

25 Kg plastic bag