

**Technical Data Sheet**

**HDPE HI-0500(2200J)**

High Density Polyethylene

HI-0500 is high density polyethylene homo polymer with a narrow molecular weight distribution specially developed for injection molding of heavy- duty parts. Articles produced from this grade exhibit good impact, strength and stiffness.

**Applications:**

Technical and industrial parts, shipping container, fish crates, storing cases, small size pallets.

TYPICAL TEST	UNIT	SPECIFICATION	TEST METHOD
MELT FLOW INDEX (190 C/2.16 Kg)	gr/10 min	4~6	ASTM D-1238
DENSITY	gr/cm3	0.963-0.967	ASTM D-1505
ESCR	hr	MIN 4	ASTM D-1693
VICAT SOFTENING POINT	°C	124-128	ASTM D-1525
ASH CONTENT	% wt	MAX 0.06	ASTM D-1063
VOLATILE MATTER	% wt	MAX 0.07	ASTM D-1960
TENSILE STRENGTH @ BREAK	Kg/cm2	MIN 170	ASTM D-638
ELONGATION	%	MIN 300	ASTM D-638

**Packing:** The product is supplied in palletized 25 kg bags.