

INTRODUCTION OF PETROCHEMICAL PRODUCTS

HIGH DENSITY POLYETHYLENE (H.D.P.E)

HI 0500

INJECTION MOLDING GRADE / BANDAR-E-EMAM Pet.Co.

DATASHEET	VALUE	UNIT	TEST CONDITIONS	TEST METHOD
Ash Content	0.06	WT.%	Maximum Value	ASTM D1063
Density	0.965	g/cm ³	At +23°C	ASTM D1505
MFI	4 - 6	g/10min	At 2.16Kg Load, 190°C	ASTM D1238
Volatiles	0.05	%	Maximum Value	ASTM D1960
ESCR	4	h		ASTM D1693
Tensile Elongation at Break	300	%	Minimum Value	ASTM D638
Tensile Strength at Break	16.7	MPa	Minimum Value	ASTM D638
Melting Point	130	C°		ASTM D2117
Vicat Softening Point	124	C°		ASTM D1525

* Typical values not to be construed as specifications.

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