

# INTRODUCTION OF PETROCHEMICAL PRODUCTS

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

# EMDA-6200

## BLOW MOLDING GRADE / ILAM

DATASHEET	VALUE	UNIT	TEST CONDITIONS	TEST METHOD
Melt Index	0.4	g/10 min	2.16kg	D 1238
High Load Melt Index	33	g/10 min	21.6kg	D 1238
Density	0.955	g/cm <sup>3</sup>		D 1505
Vicat Softening Temperature	125	°C		D 1525
Deflection Temperature	70	°C	445 KPa Load	D 648
Melting Point	135	°C		EQUATE
Crystallization Point	112	°C		EQUATE
Coefficient of Linear Expansion	1.2 x 10 <sup>-4</sup>	cm/cm/°C		D 696
Tensile Strength at Yield	27	Mpa		D 638
Ultimate Tensile Elongation	730	%		D 638
Flexural Modulus	1350	Mpa		D 790
Brittleness Temperature	< -100	°C		D 746
ESCR	50	Hours		D 1693 B
Top Crushing Load at Failure	50	kg	At 23 °C	D 2659
Drop Impact, Mean Failure Height	4.3	m		D 2463

\* Typical values not to be construed as specifications.

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