



## NAME: HD5813EA

### Product Description:

HD5813EA is high density polyethylene copolymer containing butene-1(C4) as comonomer. It is suitable for thin wall injection molding applications.

HD5813EA has the following characteristics:

High warpage resistance, high flow, fast cycling injection molding.

### Applications:

General purpose injection molding with indoor applications, houseware, aerosol caps.

### Typical data: (Table)

PROPERTY	UNIT	TEST METHOD	TYPICAL VALUE
MELT FLOW INDEX(2.16KG)	g/10min	ASTM D-1238	13
DENSITY	gr/cm <sup>3</sup>	ASTM D-1505	0.958
YELLOW INDEX	-	ASTM E-313	-1
WHITENESS INDEX	-	ASTM E-313	60
CONTAMINATION	NO.	BP137	5
VICAT SOFTENING POINT	°C	ASTM D-1525	115
TENSILE STRESS AT YEILD	MPA	ASTM D-638	23
ELONGATION AT BREAK	%	ASTM D-638	1000
CHARPYIMPACT	KJ/M <sup>2</sup>	ASTM D-6110	2

\* All above mentioned data are typical values and not to be construed as real specifications. Users should confirm results by their own tests. For more information about guaranteed items, please refer to S.S.S. (Standard Sales Specifications)  
Grade Suffix (Additives Indication):