



HD5813EA

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

HD5813EA has the following characteristics:

high warpage resistance, high flow, fast cycling injection moulding.

Applications

general purpose injection moulding with indoor applications, houseware, aerosol caps.

Producer

Tabriz Petrochemical Company

Property	unit	Test Method	Typical value
MELT FLOW INDEX(2.16KG)	g/10min	ISO1133-1997,Condition D	13
DENSITY	gr/cm ³	ISO1872/1-1993	0.958
TENSILE STRESS AT YEILD	MPA	ISO527-1976,Type 2 Speed D	29
ELONGATION AT BREAK	%	ISO527-1976,Type 2 Speed D	1000
FLEXURAL MODULUS	MPA	ISO178-1997	1200
CHARPY IMPACT	KJ/M ²	ISO179-1982	4
HARDNESS	-	ISO868-1978,Type D	67
MELTING POINT	°C	ASTM D-2117	132
VICAT SOFTENING POINT	°C	ISO306 Method A	125
SPECIFIC HEAT	J/KG°C	-	2300

* 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): EA: GENERAL ANTIOXIDANT