



## HD5218EA

HD5218EA is high density polyethylene copolymer containing butene-1(C4) as comonomer. It is suitable for thin wall injection moulding applications.

HD5218EA has the following characteristics:

high warpage resistance, high flow, fast cycling injection moulding

### Applications:

general purpose injection moulding with indoor applications.

### Producer

Tabriz Petrochemical Company

Property	unit	Test Method	Typical value
MELT FLOW INDEX(2.16KG)	g/10min	ISO1133-1997,Condition D	18
DENSITY	gr/cm3	ISO1872/1-1993	0.952
TENSILE STRESS AT YEILD	MPA	ISO527-1976,Type 2 Speed D	26
ELONGATION AT BREAK	%	ISO527-1976,Type 2 Speed D	1000
FLEXURAL MODULUS	MPA	ISO178-1997	1000
CHARPY IMPACT	KJ/M2	ISO179-1982	5
HARDNESS	-	ISO868-1978,Type D	65
MELTING POINT	°C	ASTM D-2117	131
VICAT SOFTENING POINT	°C	ISO306 Method A	123
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