

TABRIZ Petrochemical Company

## General Purpose Polystyrene (GPPS)

### HD6070EA

HD6070EA is high density polyethylene copolymer containing butene-1(C4) as co monomer with medium content of light stabilizer additive. It is suitable for general purpose injection molding items. HD6070EA has the following characteristics: good impact strength, easy processing, high warpage resistance, high rigidity. This grade has food contact approval.

Applications: crates, boxes, seats

PROPERTY	UNIT	TEST METHOD	TYPICAL VALUE
<b>MELT FLOW INDEX(190°C 2.16KG)</b>	g/10min	ASTM D-1238	7
<b>DENSITY</b>	gr/cm3	ASTM D-1505	0.960
<b>YELLOW INDEX</b>	-	ASTM E-313	-1
<b>WHITENESS INDEX</b>	-	ASTM E-313	60
<b>CONTAMINATION</b>	NO.	BP137	5
<b>VICAT SOFTENING POINT</b>	°C	ASTM D-1525	120
<b>TENSILE STRESS AT YEILD</b>	MPA	ASTM D-638	26
<b>MELTING POINT</b>	°C	ASTM D-2117	132
<b>ELONGATION AT BREAK</b>	%	ASTM D-638	900
<b>FLEXURAL MODULUS</b>	MPA	ISO178-197	1400
<b>CHARPY IMPACT</b>	KJ/M2	ASTM D-6110	5

\*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



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