



HDPE INJECTION

HD6070UA - (T.P.C)

Product Description:

HD6070UA is high density polyethylene copolymer containing butene-1(C4) as co monomer with medium content of light stabilizer additives. It is suitable for general purpose injection molding items. HD6070UA has the following characteristics: good impact strength, easy processing, high warpage resistance, high rigidity, UV stabilized. This grade has food contact approval.

Applications:

crates, boxes, seats.

Typical data - HD6070UA

PROPERTY	TEST METHOD	UNIT	VALUE
MELT FLOW INDEX(190°C 2.16KG)	ASTM D-1238	g/10min	7
DENSITY	ASTM D-1505	gr/cm ³	0.960
YELLOWNESS INDEX	ASTM E-313	-	-1
WHITENESS INDEX	ASTM E-313	-	60
CONTAMINATION	BP137	NO.	5
VICAT SOFTENING POINT	ASTM D-1525	°C	120
TENSILE STRESS AT YEILD	ASTM D-638	MPA	26
MELTING POINT	ASTM D-2117	°C	132
ELONGATION AT BREAK	ASTM D-638	%	900
FLEXURAL MODULUS	ISO178-197	MPA	1400
CHARPY IMPACT	ASTM D-6110	KJ/M ²	5