

Technical Data Sheet

HDPE HD-6070UA

High Density Polyethylene

HD6070UA is high density polyethylene copolymer containing butene-1(C4) as comonomer with medium content of light stabliser additives. It is suitable for general purpose injection moulding items.

HD6070UA has the following characteristics:

good impact strength, easy processing, high warpage resistance, high rigidity, uv stabilised. This grade has food contact approval.

Applications:

crates, boxes, seats

Properties	Value	Units	Test Method
Melt Flow Rate (190 C/2,16kg)	7	g/ml	ASTM D1238
Density	0.960	g/cm3	ASTM D1505
Yellow index	-1	--	ASTM E 313
Whiteness index	60	--	ASTM E 313
Contamination	5	NO.	BP 137
Vicat softening point	120	(°C)	ASTM D1525
Tensile stress at yeild	26	MPA	ASTM D 638
Elongation at break	900	%	ASTM D 638
Charpy impact	5	(kJ/m2)	ASTM D 6110

* 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):

UA:GENERAL ANTIOXIDANT AND LIGHT STABLISER