



## HD-EX 6HT

### License Grade Code HM 9445 HT

#### **Product Description:**

“EX 6HT” is a high density polyethylene with 1-Butene as co monomer. It is good toughness, low gel level, good tear strength, high tenacity.

#### **Applications:**

- Film extrusion
- Blending partner
- (refuse) bags, carrier bags,
- Heavy duty packing



## Typical data

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE*
Mass density (23 C)	ISO 1183	g/cm3	0.944
Melt Flow Rate (190 C/5.0kg)	ISO 1133	g/10min	0.18
Melt Flow Rate (190 C/21.16kg)	ISO 1133	g/10min	5.4
FRR(21.6/5)		-	30
FN	MPC-TEST	-	≤4/≤120
Stress at Yield	ISO 527	Mpa	21
Max. Tensile Strength MD / TD	ISO 527	Mpa	45/40
Stress at Break	ISO 527	Mpa	36
Tear Strength MD / TD	ISO 6383-2	m N	200/400
Max. Elongation MD / TD	ISO 527	%	450/500
Softening Temperature	ISO 306	C	73
Brittle Temperature	ASTM D746-72	C	<-80
shore D hardness	ISO 868		58
Dart Drop Impact	ASTM D 1709	g	240

- Typical Values: not to be construed as specifications
- Blow film thickness 20 , Extruded at melt temp. of 200 c and Blow up Ratio 4:1
- Recommended melt temp: 200-230 c
- Recommended film thickness: 10~200