



## HD-EX 5 License Grade Code HM 9450 F

كوثر شيمي  
Kosar Shimi  
+9821 - 43462000  
info@kosar.co  
www.kosar.co

### Product Description:

“EX 5” is a high density polyethylene with 1-Butene as co monomer. It is good toughness, low gel level, good tear strength, good stiffness and tenacity, High molar mass.

### Applications:

- Film extrusion
- Counter bag, carrier bag
- Wrapping films & sheets

### Typical data

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE*
Mass density (23 C)	ISO 1183	g/cm <sup>3</sup>	0.949
Melt Flow Rate (190 C/5.0kg)	ISO 1133	g/10min	0.28
Melt Flow Rate (190 C/21.16kg)	ISO 1133	g/10min	8
FRR(21.6/5)		-	29
FN	MPC-TEST	-	≤3/≤120

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