



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

کوثر شیمی  
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  $\mu$ 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  $\mu$ m