



BEHDAD PLAST

HIGH DENSITY POLYETHYLENE

HDPE Film Grade – X5 (9450F)

X5 (9450F) is a high molecular weight high-density polyethylene with 1-Butene as co-monomer. It provides excellent stiffness, toughness, and good impact resistance, making it ideal for thin film extrusion.

No.	PROPERTY	VALUE	TEST METHOD
1	Mass Density (23°C)	0.949	ISO 1183
2	Melt Flow Rate (190°C/5kg)	0.28	ISO 1133
3	Melt Flow Rate (190°C/21.blg)	8	ISO 1133
4	Stress at Yield	24 MPa	ISO 527
5	Softening Temperature	35 MPa	ISO 527
6	Brittle Temperature	< - 80°C	ASTM D746-72
7	Shore D Hardness	60	ISO 527
8	Max. Tensile Strength (MD/TD)	45/40 MPa	ISO 527
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Applications:

- Film extrusion
- Counter bags, carrier bags
- Wrapping films
- Disposable gloves
- Waste bags

Manufacturer:

Available from: Jam,Marun
Petrochemical Companies

Packaging:

25 kg PE bags – Palletized
Optional: Jumbo Bags available upon
request



+98 9198077298



www.behdadplast.com



info@behdadplast.com