

Technical data sheet



EX5

EX5 (HM-9450F) is blown film-grade resin which is manufactured by suspension polymerization of ethylene monomer. EX5 is a bi-modal high-density polyethylene with 1-Butene as a comonomer.

Applications: • For blown films with paperlike quality

- Suitable for counter bags
- Carrier bags
- Wrapping films

Features: • High molar mass film grade

- Good stiffness and tenacity

Resin Properties	Nominal Value (SI)	Test Method
Melt Index (21.6)	8 g/10 min	ISO 1133
Melt Index (5)	0.28 g/10 min	ISO 1133
FRR (21.6/5)	29	-
Density	0.954 g/cm ³	ISO 1183
Fish Eye Note	<3	Internal

Supplier

Jam Petrochemical Company

Web: <http://www.jpcomplex.com>

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Storage

Polyethylene products (in pelletized or powder form) should not be stored in direct sunshine or heat radiation. Ultraviolet causes changes in material properties. The Storage area should be dry and preferably don't exceed 50 °C.

Under cool, dry, and dark conditions, Jam Polymers polyolefin resins are expected to maintain the original and processing properties for at least 18 months.

JPC would not be responsible for quality diminishing as a change in color or smell caused by bad storage conditions.

It is recommended to process PE resin within six months after delivery.

Packaging

Jam Polymers Polyolefin resins are supplied in pallet form packed in 25kg bags. Alternative packaging modes are available for selected grades.