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JAM PETROCHEMICAL COMPANY

HIGH DENSITY POLYETHYLENE HDPE EX5

HDPE EX5 is a high-density polyethylene resin known for its excellent stiffness, tenacity, and high molar mass. It is primarily used in film extrusion to produce items like shopping bags and wrapping films. This material offers good tear strength, a low gel level, and is suitable for applications requiring durable, paper-like quality films.

Producer	Characteristic Properties	Applications
JPC	High molar mass film grade, good stiffness and tenacity	blown Film Counter Bags - Carrier Bags - Wrapping Films

Typical Properties			
Resin Properties	Unit	Typical Value	Test Method
Density	g/cm ³	0.949	ISO 1183
Fish Eye Note	note	≤3	Internal
FRR 21.6/5	°C	29	-
MFR 190°C/21.6	g/10min	8.0	ISO 1133
MFR 190°C/5	g/10min	0.28	ISO1133

- Test specimen from compression moulded sheet at 23°C.
- FRR values are statistical and calculated by dividing MFR values.
- Notch Impact Test specimen from compressed moulded sheet 23°C and The data quoted are average values