



TECHNICAL DATA SHEET

HP
DURAPOL®

F01019S

LINEAR LOW DENSITY POLYETHYLENE
BLOWN FILM**Product Description:**

HP Durapol F01019S is a Linear Low Density Polyethylene General Purpose Film grade recommended for blown film applications requiring adequate levels of slip and anti-block additives resulting in good slip characteristics and openability.

Standout Characteristics:

- Superior optical properties and excellent tear strength

Recommended Applications:

General Purpose Films, Industrial Liners, Garment Bags, Industrial Packaging, etc.

Typical Properties:

Properties tested	Test Method	Unit	Typical value (*)
Density @23°C	ASTM D 1505	g/cc	0.920
MFI of resin at 190°C, 2.16 Kgs	ASTM D 1238	g/10 min	1
Film Properties:			
Tensile Strength at Yield (MD/TD)	ASTM D 882 (500mm/min)	MPa	9/10
Tensile Strength at Break (MD/TD)	ASTM D 882 (500mm/min)	MPa	37/27
Elongation at break (MD/TD)	ASTM D 882 (500mm/min)	%	580/690
Gloss, 60°	ASTM D 2457	GU	90
Haze	ASTM D 1003	%	13
Dart Impact Strength	ASTM D 1709A	g/micron	3.5
Elmendorf Tear Strength	ASTM D 1922	g/micron	6.7/12.6

(*) Data is typical value and is not intended for specification purpose. Values may change without any intimation.

Film properties are on 25.4-micron thick blown film with 2.5 BUR, Die Gap:1.8mm

Handling and Storage:

Bags should be stored in dust free, dry and closed storage locations at temperatures not exceeding 50°C. Direct exposure to UV/sunlight needs to be avoided. Non - compliance to storage and handling guidelines may lead to deterioration of the product (change in colour, odour related issues etc.) and underperformance of the product. It is recommended to process the product within 6 months of receipt of the product.

Packaging Information:

The material is available for sale in FFS (Form, Fill and Seal) bags with net quantity of 25 kgs. Customer should take adequate care while handling the bag. HPCL does not undertake any responsibility for loss of material due to poor/inadequate material handling practices.

Disclaimer:

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