



**Brahmaputra Cracker
and Polymer Limited**



FH110N

Polypropylene for TQ Film

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GAIL (India) Ltd.

(India's Youngest Maharatna)

(Provisional Technical Datasheet)

Product Description & Typical Applications:

FH110N is a Propylene homopolymer for Tubular water quenched film applications. Film manufactured from this grade has excellent stiffness and clarity. The applications are primarily transparent films for packaging, textile overwraps, garment bags, snack food packaging.

Property	Values*	Unit	Test Method
Melt Flow Index (I ₂ - 230°C)	10.5	gm/10min	ASTM D1238
Tensile Strength @Yield	340	kg/cm ²	ASTM D638
Elongation @Yield	9	%	ASTM D638
Flexural Modulus	15000	kg/cm ²	ASTM D790
Vicat Softening Point	154	°C	ASTM D1525

* Typical characteristics of the product given purely as a guide. Mechanical properties were determined on Injection molded samples.

Processing Guidelines:

Barrel temperature: 180 -240°C

Die temperature: 200°C

Regulatory Information:

Certificate is available on request.

Packaging & Storage:

FH110N is available in natural colour/pellet form in 25 kg strong bags made of woven fabric. The product should be stored in dry conditions at temperature below 50°C and protected from UV light.

For any technical assistance contact:

GAIL Polymer Technology Centre

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The information, data and suggestions contained herein are to the best of our knowledge accurate and reliable. It is the ultimate responsibility of the user to ensure that the product is suited and the information is applicable to the user specific application.

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