

Solutions ...

Fibers and Textiles

April 2010

On-target products.
On-time delivery.

Service you
can count on.

Our company



INEOS Olefins & Polymers, one of the world's largest polyolefin producers, provides our customers with quality products and services from facilities that meet the highest Health, Safety, Security and Environmental (HSSE) standards. We are challenging ourselves to change the way our industry does business, and we are unleashing the potential of our people to provide our customers *On-target products. On-time delivery, Service you can count on.*

Our products

Our industry leading polymers are transformed into a wide variety of articles, including food and drink containers, caps and closures, film, pipe and a variety of other applications.



Thermoplastics for fibers and textiles

INEOS Olefins & Polymers' polyolefin fiber grades are formulated to provide exceptional performance in Fiber and Textile applications. Optimized for spun bonded, monofilament, multi-filament, staple fiber and slit tape processes, our polypropylene resins are used by market leaders in the production of carpet, fabric, woven bags, non-wovens and other textiles. Additionally, INEOS Olefins & Polymers provides a high density polyethylene resin specially designed for slit tape applications such as bale net wrap, where a balance of processability and mechanical properties is critical.

Contact a representative at INEOS Olefins & Polymers to discuss the product that best fits your application.

INEOS
Olefins & Polymers USA

Product offerings

Polypropylene				
Material	MFR ¹	Tensile ²	Elongation ³	Features/special characteristics
H03G-00	3.2	5,300	10	Low water carry-over resin for tape and fiber.
H03G-02	3.5	5,300	9.5	General Purpose.
H03W-00	3.5	4,600	9	Low water carry-over resin for woven bags, carpet backing and twine.
H03W-01	4.0	4,900	9	Low water carry-over resin for cordage, carpet backing, industrial fabrics and geotextiles.
H08U-00	8.0	5,000	9	High tenacity, UV stabilized fiber spinning resin for continuous filament fiber yarn and geotextiles.
H11G-00	11.0	5,400	8	General Purpose, continuous filament yarn.
H19G-00	19.3	5,200	9.5	Color stabilized resin for continuous filament fiber yarn and staple fibers.
H19G-01	19.0	5,250	9.6	Lightly stabilized resin for continuous filament yarn and staple fibers.
H36G-00	36.0	4,700	9	Designed for high speed fiber spinning and spun bonded applications such as filtration media and disposable fabrics and cloth.
H38G-02	38.0	5,000	9	Designed for the production of spun bonded nonwovens and Partially Oriented Yarn (POY) applications.

¹ g/10 min ASTM D 1238 (230 C, 2.16 kg).

² psi at Yield, ASTM D638, 23 C.

³ % at Yield, ASTM D638, 23 C.

Polyethylene			
Material	MI 5 ⁴	Density ⁵	Features / special characteristics
AF5006FN1280	1.9	0.944	This narrow molecular weight copolymer is specifically designed for tape production via cast and blown films processes.

⁴ g/10 min, ISO 1133, 190 C, 5 kg.

⁵ g/cc, ISO 1183/A, 23 C.

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