

Solutions ...

Non Beverage Caps and Closures

March 2007



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 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 caps and closures

INEOS Olefins & Polymers produces a variety of polypropylene resins that meet the needs of the caps and closures market. Our resins are used by leading manufacturers of pumps and



sprayer caps, flip tops, disk tops, snap caps, child resistant and tamper evident, continuous thread and over caps for food, personal care, medication, household and industrial chemical and transportation applications.

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



INEOS
Olefins & Polymers USA

Product offerings

Polypropylene				
Material	MFI ¹	Flex Mod ²	Izod (RT) ³	Features/special Characteristics
H05A-00	4.7	215	0.5	All-purpose homopolymer used for pumps, sprayer caps, flip tops, disk tops, snap caps and continuous threads for food, personal care and medication applications. Contains antistat for static dissipation and mold release. Meets U.S. Food and Drug Administration (FDA) food contact requirements and is listed in the Drug Master File for pharmaceutical applications.
H05Z-00	5.0	225	0.5	Designed for use in pumps, sprayer caps, child resistant and tamper evident closures for liquor and carbonated soft drink containers, personal care and medication applications. Contains antistat to detract dust and for mold release. Meets FDA food contact requirement and is listed in the Drug Master File for pharmaceutical applications.
H12E-00	12.0	240	0.5	Antistatic homopolymer polypropylene having good stiffness, excellent static dissipation and demolding. Meets FDA food contact requirements.
H12G-00	12.0	215	0.5	General purpose homopolymer with good stiffness. Meets FDA food contact requirements.
H12Z-00	12.0	250	0.5	A nucleated and antistatic homopolymer for injection molding applications.
H12Z-02	12.0	260	0.5	Nucleated and antistatic homopolymer with good fast cycle times and good demolding. Meets FDA food contact requirements.
H13M-00	13.5	230	0.5	Well stabilized homopolymer for use in pumps, personal care, medication flip-tops, household and industrial chemical. Meets FDA food contact requirements and is listed in the Drug Master File for medical applications.
H13Z-00	13.5	275	0.5	Nucleated and antistat containing homopolymer suitable for flip tops and continuous threads for liquor, carbonated soft drinks, other food and personal care applications. Fast cycling and easy demolding. Meets FDA food contact requirements and is listed in the Drug Master File for medical applications.
H14A-00	14.5	215	0.4	Antistatic homopolymer suitable for pumps, sprayer caps, child resistant, tamper evident, continuous thread and over caps for food and medication applications. Meets FDA food contact requirements and is listed in the Drug Master File for medical applications.
H20A-01	20.0	190	0.4	Antistatic homopolymer with good stiffness and good demolding. Meets FDA food contact requirements.
H20E-00	20.0	200	0.4	A homopolymer containing antistatic designed for injection molding.
H28E-00	30.0	200	0.3	Antistatic homopolymer having moderately high melt flow with very good static dissipation properties and good demolding. Primarily designed for overcap applications. Meets FDA food contact requirements.
L12Z-00	12.0	210	2.5	A medium melt flow rate, high stiffness and high impact copolymer.
L12Z-01	12.0	210	3.5	Impact copolymer having good stiffness to impact balance. It contains nucleation and antistat for fast cycle times and good demolding. Meets FDA food contact requirements.

¹ g/10 min ASTM D 1238 (230/2.16)

² kpsi ASTM D 638 (1% secant, 0.05 in/min)

³ ft-lbf/in

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