

# Solutions ...

## Industrial Packaging

July 2006

**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 industrial Packaging

INEOS Olefins & Polymers produces a comprehensive line of polyethylene and polypropylene products for industrial applications. Our custom engineered resins are used by the leading producers in applications as varied as pails, drums, pallets, dunnage trays, fuel containers, and under the hood parts. Developed in collaboration with industry leaders in these applications, our polyethylene grades feature excellent processability while retaining properties important to packagers such as high rigidity, enhanced impact strength and superior chemical resistance; our polypropylene grades feature low cycle times, good light weighting characteristics, high clarity, high impact and excellent organoleptics.



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

**INEOS**  
**Olefins & Polymers USA**

# Product offerings

Polyethylene				
Material	MI <sup>1</sup>	Density <sup>2</sup>	Izod (RT) <sup>3</sup>	Features/special characteristics
HP50-25-155	0.22	0.951	3.2	This high ESCR copolymer is designed for continuous extrusion blow molding equipment. This product contains an antistat that meets Food and Drug administration (FDA) requirements for contact with most foods.
HP53-25-155	0.22	0.952	3.2	This high ESCR blow molding grade features excellent low temperature ductility is designed for industrial parts and automotive under the hood applications. An antistated version of this grade is available as HP53-25-153.
HP55-25-155	0.22	0.955	2	This polyethylene copolymer is designed for use in applications where a balance between top load strength and stress crack resistance is important.
K54-05	5.0*	0.954	16	This resin is specifically designed for large part blow molding such as drums where the finished product demands outstanding physical performance. This material features excellent processability, ESCR and high impact resistance.
K46-06-185	4.2*	0.946	7	This high molecular weight, high density resin, developed for the production of multi-layered fuel tanks, exhibits an exceptional combination of ESCR and high melt strength.
K50-10-136	9.0*	0.950	7.5	This high molecular weight copolymer features superior impact properties and outstanding ESCR in large part blow molding applications.
G50-100	10.5*	0.950	NB	This resin is designed for heavy gauge thermoforming applications and large part blow molding where the finished product application demands outstanding physical performance.
K44-11-125	12.0*	0.947	NB	This resin is intended for use in large part blow molding where the finished product application demands outstanding physical performance and low color. This material combines excellent processability and ESCR performance.

\*Indicates HLMI (MI 190/21.6) measurement

<sup>1</sup> g/10 min ASTM D 1238 (190/2.16)

<sup>2</sup> g/cc

<sup>3</sup> kpsi

## Product inquiries:

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### Battleground Manufacturing Complex

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