

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 material handling

INEOS Olefins & Polymers produces a full range of polyethylene thermoplastics for material handling applications. Our specially engineered resins are used globally by market leading producers of bins, totes, crates, pallets and carts.

INEOS Olefins & Polymers provides polypropylene and polyethylene for almost every type of production process, including Blow Molding, Injection Molding, Sheet Extrusion and Thermoforming. Our polyethylene grades feature exceptional processability and superior stacking strength, while the unique characteristics of our polypropylene grades enable reduced cycle-times.

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



# Product offerings

Polyethylene			
Material	MI <sup>1</sup>	Density <sup>2</sup>	Features / special characteristics
G50-100	10*	0.950	High molecular weight resin optimized for sheet extrusion and thermoforming.
H48-500-199	5.5	0.948	Narrow molecular distribution and unique resin design with enhanced ESCR for demanding applications such as roll out carts.
T60-800	8.5	0.961	Narrow molecular weight distribution and unique resin design provides superior stacking strength.

Polypropylene				
Material	MFI <sup>3</sup>	Flex Mod <sup>4</sup>	Izod <sup>6</sup>	Features / special characteristics
N05U-00	5	190	NB	Specially designed UV protected impact copolymer providing the performance characteristics of lower MFI grades at a higher flow rate, including No Break impact performance at room temperature.
N07N-00	7	185	NB	Specially engineered impact copolymer that provides superior creep and impact performance compared to competitive grades
L12Z-01	12	185	3.5	High MFI impact copolymer with a superior balance of stiffness and impact
T20N-00	20	170	NB	Specially designed UV protected impact copolymer providing the performance characteristics of lower MFI grades at a higher flow rate, including No Break impact performance at room temperature. Unique resin structure and manufacturing techniques allow for the use of lower levels of lubricants which leads to reduced mold fouling.
N20L-00	20	142 <sup>5</sup>	NB	Nucleated impact copolymer formulated with a slip agent for improved mold release, and has an optimum balance of stiffness and impact resistance for injection molding applications. It is particularly well suited for Material Handling applications such as crates for food transport and storage.
N20N-00	20	174	NB	FDA approved impact copolymer that provides the performance characteristics of lower MFI grades at a higher flow rate, including No Break impact performance at room temperature. Unique resin structure and manufacturing techniques allow for the use of lower levels of lubricants which leads to reduced mold fouling.

\*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> g/10 min ASTM D 1238 (230/2.16)

<sup>4</sup> kpsi; measured 0.5 in/min.

<sup>5</sup> kpsi; measured at 0.05 in/min.

<sup>6</sup> ft-lb/in (Room Temperature)

## Product inquiries:

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