

PLASTICS & POLYMERS

PLASTIC POLYMERS

Virgin Raw Materials

Seven polymer families.
A focused range for manufacturing.

PP / HDPE / LDPE / LLDPE / PVC / PET / PS



OUR FOCUS

Prime grades. Virgin raw materials.

INMAA International supplies prime virgin polymers for a wide range of manufacturing applications.

A focused portfolio

PP, HDPE, LDPE, LLDPE, PVC, PET and PS — with applications spanning packaging, construction, household products and industry.



PRIME GRADES · VIRGIN RAW MATERIALS

PRODUCT RANGE

Seven polymers. Diverse applications.

A quick guide to the prime virgin materials in our portfolio.

POLYMER	MATERIAL CHARACTERISTICS	TYPICAL APPLICATIONS
PP	Lightweight structure and durability	Packaging, automotive components, household products and fibers
HDPE	Strength, rigidity and moisture resistance	Pipes, containers, packaging and industrial products
LDPE	Flexibility and ease of processing	Films, bags, liners, packaging and coatings
LLDPE	Toughness and puncture resistance	Stretch films, packaging films, liners and agricultural films
PVC	Durability and versatile processing	Pipes, fittings, profiles, cables and flooring
PET	Transparency and good barrier properties	Bottles, food and beverage containers, films and textile fibers
PS	Rigidity and dimensional stability	Packaging, disposable products, insulation and consumer goods

Applications are general examples. The appropriate grade depends on the intended use and processing requirements.

PRIME GRADE / VIRGIN RAW MATERIAL

PP

Polypropylene

A lightweight polymer known for chemical resistance and durability across a wide range of manufacturing applications.

KEY CHARACTERISTICS

- Lightweight structure
- Chemical resistance
- Excellent durability

TYPICAL APPLICATIONS

Packaging

Household products

Automotive components

Fibers and industrial applications



Lightweight. Durable. Versatile.

Application illustration

PRIME GRADE / VIRGIN RAW MATERIAL

HDPE

High-Density Polyethylene

A strong, rigid polymer with excellent resistance to chemicals and moisture, widely used in demanding household and industrial products.

KEY CHARACTERISTICS

- Strength and rigidity
- Chemical resistance
- Moisture resistance

TYPICAL APPLICATIONS

Pipes

Containers

Packaging

Household and industrial products



Strength for rigid applications.

Application illustration

PRIME GRADE / VIRGIN RAW MATERIAL

LDPE

Low-Density Polyethylene

A flexible polymer valued for impact resistance and ease of processing, suited to films, packaging and other flexible products.

KEY CHARACTERISTICS

- Flexibility
- Impact resistance
- Ease of processing

TYPICAL APPLICATIONS

Films and bags

Liners

Packaging

Coatings and other flexible products



Flexibility for everyday packaging.

Application illustration

PRIME GRADE / VIRGIN RAW MATERIAL

LLDPE

Linear Low-Density Polyethylene

A polymer combining flexibility and toughness with puncture resistance and tensile strength, making it well suited to film applications.

KEY CHARACTERISTICS

- Flexibility and toughness
- Puncture resistance
- Tensile strength

TYPICAL APPLICATIONS

Stretch films

Liners

Packaging films

Agricultural films



Toughness with flexibility.

Application illustration

PRIME GRADE / VIRGIN RAW MATERIAL

PVC

Polyvinyl Chloride

A durable polymer offering chemical resistance and versatile processing for a broad range of manufactured products.

KEY CHARACTERISTICS

- Durability
- Chemical resistance
- Versatile processing

TYPICAL APPLICATIONS

Pipes and fittings

Cables

Profiles

Flooring and manufactured products



Durability across applications.

Application illustration

PRIME GRADE / VIRGIN RAW MATERIAL

PET

Polyethylene Terephthalate

A strong, lightweight polymer with transparency and good barrier properties, widely used in packaging and textile applications.

KEY CHARACTERISTICS

- Strength and light weight
- Transparency
- Good barrier properties

TYPICAL APPLICATIONS

Bottles

Food and beverage containers

Films

Textile fibers



Clarity. Strength. Light weight.

Application illustration

PRIME GRADE / VIRGIN RAW MATERIAL

PS

Polystyrene

A lightweight, rigid polymer known for dimensional stability and ease of processing across consumer and industrial applications.

KEY CHARACTERISTICS

- Lightweight and rigid
- Dimensional stability
- Ease of processing

TYPICAL APPLICATIONS

Packaging

Insulation

Disposable products

Consumer goods and industrial applications



Rigidity with easy processing.

Application illustration

FROM REQUIREMENT TO ENQUIRY

Tell us what you need.

Share your material and application requirements with INMAA.



Packaging and handling illustration

01 Material & application

Polymer family and intended end use.

02 Grade & processing

Required grade or technical specification, and processing method.

03 Quantity & destination

Required volume, delivery location and timing.

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LET'S CONNECT

Your next application starts here.

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PRIME GRADES

Virgin Raw Materials

PP · HDPE · LDPE · LLDPE

PVC · PET · PS

Application visuals on pages 4–10 are AI-generated illustrations. Properties and suitability depend on the specific grade.