



YOUR CLEAR CHOICE

From contact clarity to translucent to water clear, we offer the industry's most comprehensive selection of clear/transparent specialty, engineering and commodity thermoplastic materials:

Acrylic (PMMA)

- Good toughness and impact
- Good scratch resistance
- Impact and UV grades available

Trade Names:

LG MMA PMMA
Plaskolite OPTIX® PMMA

Acrylonitrile Butadiene Styrene (ABS)

- Excellent processability with high flow
- Good impact and strength
- Good gloss
- Good chemical resistance

Trade Names:

CPS CP PRYME® ABS
INEOS ABS LUSTRAN® ABS
LG Chem ABS
Toray TOYOLAC® ABS

Clarified Polypropylene (PP)

- Cost vs. performance
- Excellent processability
- No drying required
- Chemical resistance

Trade Name:

CPS CP PRYME® PP

Ethylene Vinyl Acetate (EVA)

- Good flexibility
- Low cost
- FDA capable
- Adhesive and sealable (films)

Trade Names:

LG Chem EVA
TPI Polene® EVA

Methylpentene Copolymer (TPX)

- Transparent; outstanding chemical resistance
- Autoclavable and ETO sterilizable
- Steam sterilization resistance
- Excellent heat resistance
- Low specific gravity (lowest of all thermoplastics)
- No drying required

Trade Names:

Mitsui Plastics
TPX® MPT

Polycarbonate (PC)

- Excellent toughness
- Flame-retardant grades
- Excellent flow and dimensional stability
- Excellent heat resistance
- UV-stabilized grades available
- UL and FDA compliant
- Prime and reprocessed grades available

Trade Names:

CPS CP PRYME® PC
Idemitsu Tarflon® PC
LG Chem Lupoy®
Mitsubishi Iupilon® PC

Polyethylene Terephthalate (PETG)

- Not prone to stress-whitening
- Good toughness
- Clarity comparable to PC
- Good chemical resistance
- Shorter thermoforming cycles compared to PC and PMMA

Trade Name:

SK Chem Skygreen® PETG

Polystyrene (GPPS)

- Good heat and chemical resistance
- Cost vs. performance

Trade Name:

CPS CP PRYME® PS

Polyvinyl Chloride (PVC)

- Transparent from 40 shore A to 75 shore D
- Excellent flexibility
- Flame-retardant grades
- FDA and USP compliant grades

Trade Names:

A. Schulman Polyvin®
Sylvin Compounds

Styrene Acrylonitrile (SAN)

- Good heat and chemical resistance
- Good mechanical properties
- Excellent processability
- Good dimensional stability
- Cost vs. performance

Trade Names:

CPS CP PRYME® SAN
INEOS ABS LUSTRAN® SAN
LG Chem SAN

Styrene Butadiene Block Copolymer (SBC)

- Excellent clarity
- High toughness
- Good stiffness

Trade Name:

Chi Mei KIBITON® Q-Resin SBC

Thermoplastic Elastomer (TPE)

- Good compression set
- High elasticity
- USP class VI compliant
- Durometers down to 30A

Trade Names:

Kraiburg® TPE THERMOLAST® FD/ht
Teknor Apex Monprene® TPE-S
Teknor Apex Telcar® TPE-S

Thermoplastic Polyurethane (TPU)

- Transparent from 56 shore A to 68 shore D
- Excellent wear and abrasion resistance
- FDA, NSF, UV and flame-retardant grades

Trade Names:

Huntsman IROGRAN® TPU
Huntsman AVALON® TPU

Transparent Nylons (PA)

- Transparent, easy processing, good flow properties
- Transparency not affected by wall thickness or processing
- Dimensionally stable, low water absorption, low density
- Excellent chemical resistance
- FDA, UL, NSF grades available
- Excellent overall toughness

Trade Names:

Custom Resins Nylene® Transparent Nylons
Evonik TROGAMID® CX Nylon
Evonik TROGAMID® T Nylon



Contact your local account manager or call Chase Plastics directly at **(800) 232-4273** for more information.





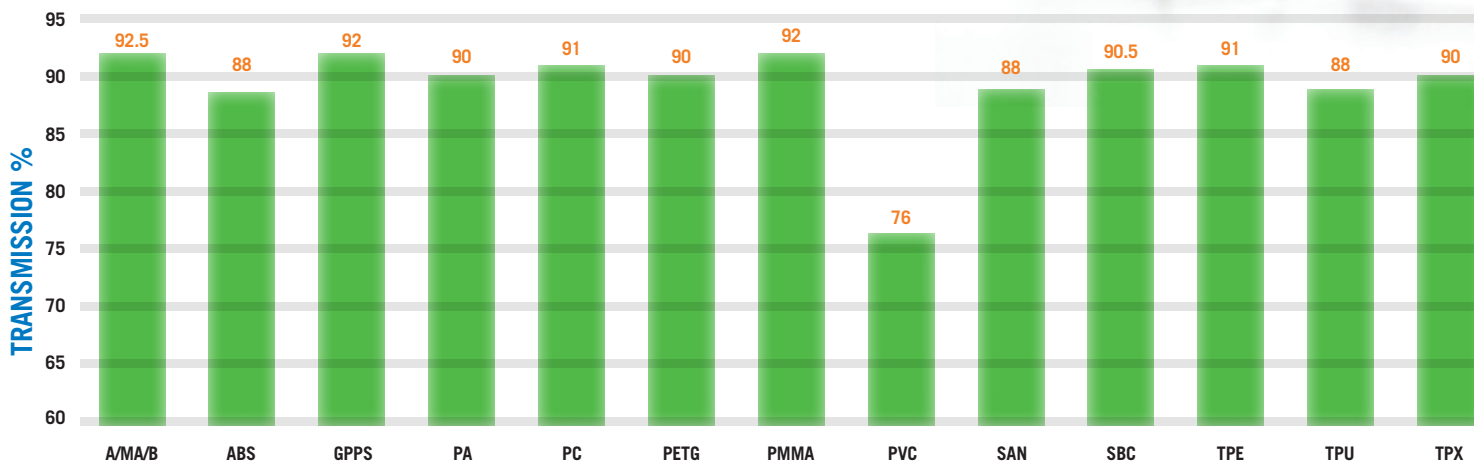
YOUR CLEAR CHOICE

Chase Plastics has the products you need in stock, ready to be delivered wherever you need them.

| Application Examples | A/MA/B | ABS | EVA | GPPS | PA | PC | PETG | PMMA | PP | PVC | SAN | SBC | TPE | TPU | TPX |
|----------------------|--------|-----|-----|------|----|----|------|------|----|-----|-----|-----|-----|-----|-----|
| Appliances | | • | | • | • | • | • | • | • | • | • | | • | | • |
| Medical Devices | | • | • | | • | • | • | • | • | • | | | • | • | • |
| Tubing | | | | | • | • | • | | • | • | | | • | • | |
| Lenses | | | | | • | • | | • | | | | | | | |
| Lighting | | | | • | | • | • | • | | | | | | | • |
| Packaging | • | • | • | • | | • | | • | | • | • | • | | • | • |
| Toys | | | • | | | | | | | | | | | | |
| Office Supplies | | | • | | | | | | | | | | | | |
| Housewares | | | • | | | | | | | | | | | | |



LIGHT TRANSMISSION*



*EVA and clarified PP transmission percentages are variable.

Agency Approvals and Compliance

FDA: Clarified ABS, EVA, Nylon, PC, PETG, PMMA, PMP, PP, PS, PVC, SAN, SBC, TPU

USP Class VI: ABS, Nylon, PC, PETG, PMMA, PS, SAN

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