ChasePlastics®
Redefining Resin Distribution®

Real solutions. Real clear choice.

When your application has to be strong but lightweight or rigid yet flexible, sometimes the choice in clear materials isn't always apparent. Our experts are here to help provide invaluable guidance to determine your product needs and meet your goals. With the industry's most comprehensive transparent specialty, engineering, and commodity material selection, it's clear that we have the right solution for you.

Clarified Polypropylene (PP)
- Good cost vs. performance
- Excellent processability
- No drying required
- Excellent chemical resistance

Tradename:
Chase Plastics CP PRYME® PP

Copolyester
- Bio-based
- Good chemical resistance and toughness
- Excellent processability and flow
- High heat resistance

Tradename:
SK Chemicals Ecozen® Copolyester

Ethylene Vinyl Acetate (EVA)
- Good flexibility
- Low cost
- Seal-able for use in films
- Commonly used for adhesives

Tradenames:
LG Chem EVA
TPI Polene® EVA

Glycol-Modified Polyethylene Terephthalate (PETG)
- PCTG grades available for improved toughness
- Not prone to stress-whitening
- Good toughness
- Good chemical resistance
- Shorter thermoforming cycles compared to PC and PMMA

Tradename:
SK Chem Skygreen® PCTG & PETG

Methyl Methacrylate Acrylonitrile Butadiene Styrene (MABS)
- Excellent processability and high flow
- Good toughness and strength
- Good gloss
- Good chemical resistance
- Methyl Methacrylate modified ABS for good clarity

Tradenames:
LG Chem MABS
Toray TOYOLAC® MABS

Polycarbonate (PC)
- Outstanding toughness
- Flame-retardant and UV stabilized grades available
- Good dimensional stability
- High heat resistance

Tradenames:
Chase Plastics CP PRYME® PC
Idemitsu Tarflon® PC
LG Chem Lupoy® PC
Mitsubishi Iupilon® PC

Polymethyl Methacrylate (PMMA/Acrylic)
- Good scratch resistance
- Impact modified and UV stabilized grades available

Tradenames:
LG MMA PMMA
Plaskolite OPTIX® PMMA

Polymethylpentene Copolymer (PMP)
- Outstanding chemical resistance
- Autoclavable
- Excellent heat resistance
- Lowest specific gravity of all thermoplastics
- No drying required

Tradename:
Mitsui Plastics TPX® PMP

Polystyrene (PS)
- Good chemical resistance
- Good cost vs. performance

Tradenames:
Chase Plastics CP PRYME® PS
Chi Mei Polyrex® PS

Polyvinyl Chloride (PVC)
- 40A to 75D durometer hardness range
- Excellent flexibility

Tradenames:
Americhem PVC
Sylvin Compounds PVC

Styrene Acrylonitrile (SAN)
- Good dimensional stability
- Good cost vs. performance
- Excellent chemical resistance

Tradenames:
Chase Plastics CP PRYME® SAN
LG Chem SAN

Styrene Butadiene Block Copolymer (SBC)
- 71D durometer hardness
- Excellent toughness
- Good cost vs. performance

Tradename:
Chi Mei KIBITON® Q-Resin SBC

Styrenic Thermoplastic Elastomer (TPE-S)
- Lowest durometer hardness of all thermoplastics (down to 30A)
- Excellent resilience

Tradenames:
Kraiburg® TPE THERMOLAST®
TPE-S Teknor Apex Monprene® TPE-S

Thermoplastic Polyurethane (TPU)
- 56A to 65D durometer hardness range
- Excellent wear and abrasion resistance
- Flame-retardant and UV stabilized grades available

Tradenames:
Huntsman AVALON® TPU
Huntsman IROGRAN® TPU

Transparent Nylons (PA)
- Excellent processability and flow
- Transparency not affected by wall thickness
- Good dimensional stability
- Outstanding chemical resistance
- Excellent toughness
- Low water absorption and density compared to standard nylons
- UV stabilized grades available

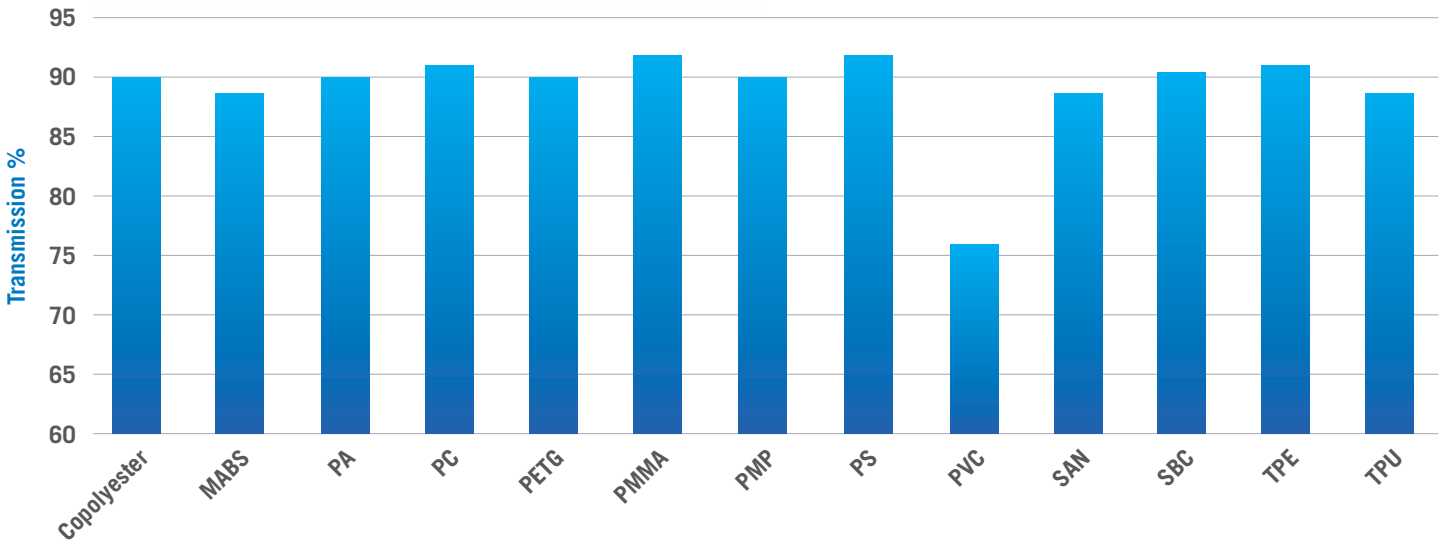
Tradenames:
Evonik TROGAMID® Nylon

Ready to see more? Contact your local account manager or call Chase Plastics directly at 800.232.4273 for more information

Real responsiveness

We're ready to deliver the service, products, and expertise when and where you need it.

Application Examples	Copolyester	EVA	MABS	PA	PC	PETG	PMMA	PMP	PP	PS	PVC	SAN	SBC	TPE	TPU
Appliances	•		•	•	•	•	•	•	•	•	•	•		•	
Lenses	•			•	•		•								
Lighting		•	•		•	•	•	•		•					
Medical Devices	•	•	•	•	•	•	•	•	•		•			•	•
Office Supplies		•	•		•					•	•				•
Packaging	•	•	•		•		•	•		•	•	•	•		•
Toys															
Tubing				•	•	•			•		•			•	•



*EVA and clarified PP transmission percentages are variable.

Contact your local account manager or call Chase Plastics directly at 800.232.4273 for more information

ChasePlastics®
Redefining Resin Distribution®

6467 Waldon Center Drive • Clarkston, MI 48346
248.620.2120 • orders 800.232.4273 • fax 248.620.3192
ChasePlastics.com