

Expert Color Matching

ECM Plastics, Inc.

Standard Grade Materials Inventory

ABS
Acetal
Copolyester
Fluoropolymers

Nylon
Polycarbonate
PBT
Polyethylene

Polypropylene
Polystyrene
Polyurethane
SAN



ECM
Plastics, Inc.

53 Millbrook Street,
Worcester, MA 01606-2817



Standard Grade Materials Inventory

ECM Plastics maintains an extensive inventory of thermoplastic materials at our 130,000 sq.ft. manufacturing facility. These prime materials are readily available for your compounding and processing requirements. Below is a partial listing of the most widely utilized polymer grades, and many other materials are in stock as well.

Manufacturer	Grade	Description	Melt Flow	Izod
ABS				
Chi Mei	Polylac PA-727	Natural		
Chi Mei	Polylac PA-757	Natural		
BASF	GP22	Black	4-5	
BASF	GP22	Natural	4-5	6.0
BASF	GP35	Natural		
BASF	Terlux 2802TR	Transparent		
BASF	Terlux 2812TR	Transparent		
ECM	ABS1275	Natural General Purpose		
Ineos ABS	Lustran 248	Natural		
Ineos ABS	Lustran 433	Natural		
Sabir	FR23	Natural FR		
Samsung	Starex VH0850	Natural FR		

Acetal				
BASF	Ultraform N2320	Natural copolymer	9	
BASF	Ultraform W2320	Natural Copolymer		
Dupont	Delrin 500	Natural Homopolymer		
Ticona	Celcon M-90	Natural copolymer	9	

Copolyester				
Eastman	AN 001	Natural		
Eastman	AN 004	Natural		
Eastman	GN 007	Natural		
Eastman	GN 071	Natural		



Manufacturer	Grade	Description	Melt Flow	Izod
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Fluoropolymers

Arkema	Kynar PVDF	Natural		
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Nylon

BASF	A3K	General Purpose Type 6/6		
BASF	A3EG6	30% Glass Filled Type 6/6		
Dupont	ST-801	Natural High Impact Type 6/6		
ECM	NY437	Natural High Impact Type 6/6		
Ascend	Vydyne 20M	Natural Type 6/6		
Ascend	Vydyne R513	13% Glass Filled Nylon 6/6		
Ascend	Vydyne R533	33% Glass Filled Nylon 6/6		

Polycarbonate

ECM	PC106	Stock Black Polycarbonate	8	16.0
Sabic	Lexan 121R-112	Natural		
Sabic	Lexan 123-112	Natural UV		
Sabic	Lexan 124R-112	Natural FDA with Release		
Sabic	Lexan 143-112	Natural UV		
Sabic	Lexan 143R-112	Natural UV with Release		
Sabic	Lexan 144-112	Natural FDA		
Sabic	Lexan 144R-112	Natural FDA with Release		

PBT

BASF	Ultradur B4500, 4520	Natural		
Sabic	Valox 325	Natural		

Polyethylene

Dow	722M	Natural LDPE	8	.920
Dow	17450N	Natural HDPE	17	.950

Polypropylene

Exxon	1024E4	Natural Homopolymer		
Exxon	7414	Natural Copolymer		
Total	3429	LTHA Homopolymer		
Total	3620WZ	Nucleated Homopolymer Antistat		
Total	3622	Homopolymer		
Total	3824 CR	Controlled Rheology Homopolymer		
Total	7622MZ	Clarified Copolymer		
Flint Hills Resources	P5M6K-048	Clarified Copolymer		

Polystyrene

API II	390 General Purpose	Crystal PS		
API II	395 High Flow	Crystal PS		
API II	505	Intermediate Impact PS		
API II	505-HF High Flow	Intermediate Impact PS		
API II	545 High Heat	High Impact PS		
API II	645-21	Super High Impact PS		
Total	500	Crystal PS		
Chevron Phillips	KR03NW	SB Copolymer		



Manufacturer Grade Description

Polyurethane

Lubrizol	Estane 58271	Natural
Lubrizol	Estane 57315	Natural
Lubrizol	Estane 57325	Natural
Lubrizol	Isoplast 301	Natural
Lubrizol	Estane 5714	Natural
Merquinsa	Pearlthane 12K85A	Natural
Merquinsa	Pearlcoat 125K	Natural
Merquinsa	Pearlthane 16N80	Natural

SAN

Ineos	Lustran SAN 31-552160	Transparent
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ECM Plastics, Inc.

53 Millbrook Street
Worcester, MA 01606 USA
Tel 508-756-0002
Fax 508-792-4968
www.ecmplastics.com

