



Solutions in Polymers

**IMAGRO**

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At Imagro our focus is to give our customers an excellent technical and commercial service, which has been developed through the many years of experience our team have in the Polymer industry.

As well as a comprehensive product portfolio, we are able to support customers with the following services:

- Material Selection & Specification
- Product Design & Development
- Processing Optimization and Troubleshooting
- Introduction of New Technology
- Metal Replacement Projects
- Cost Reduction

From our strategically located UK warehouses we are able to offer a wide range of polymers including Engineering, Styrenic and Commodity materials. Imagro UK can offer materials in natural, custom colour compounds or modified with fillers and additives for enhanced performance.



### Lighting

Polymers are available where diffusion, optical clarity, weather resistance and thermal resistance are critical.



### Sanitation & Water

Materials for hot and cold potable applications where WRAS, NSF, ACS, KTW and FDA approvals are specified.



### Point of Sale

Where corporate colours, clarity, aesthetics, strength, scratch and chemical resistant properties are required.



### Construction

Many options are available from all polymer groups with weatherability, flammability, high impact resistant properties.



### Electrical & Electronics

For applications where heat distortion, glow wire, flame retardancy, thermal and insulating properties are required.



### Bio-Polymers

Alternatives to traditional polymers are on the increase, bio-based and biodegradable water soluble grades are available.



### Automotive Industry

Available grades include high temperature, flame retardant, low/high gloss, hydrolysis resistant and metal replacement.



### Medical

Where healthcare applications demand excellent ESCR, NAMS A USP Class VI, ISO 10993 and FDA certification.



Our product portfolio includes grades suitable for:

- ✓ Blow
- ✓ Extrusion
- ✓ Injection Moulding

With polymers specifically developed for applications requiring:

- Anti-scratch
- Anti-static
- Automotive grades with global approvals
- Electrical/thermal conductivity
- FDA & EU approvals
- Flame retardant UL Certification
- High clarity
- High heat
- Light blocking
- Light diffusion
- Light reflectance
- Low gloss/high gloss
- Metal plating or painting
- Metal replacement
- Railway standards
- Thermoplastic composites
- UV stabilisation
- WRAS/NSF approvals

Our product portfolio covers a range of Engineering, High Performance, Styrenic and Commodity materials from globally renowned polymer manufacturers and compounders. From comprehensive UK stocks in strategically located warehouses we can service your polymer requirements from 25 kilos to full truck loads.



## ENGINEERING

POLYMER	BRANDS
PA/ABS	Lumid; Tecnoblend
PBT	Lupox; Lumax; Tarolox; Spectron
PBT/ASA	Lumax
PC	Lupoy; Lumiplas; Tarolon
PC/ASA	Lupoy
PC/PBT	Lupox; Taroloy
PC/PET & PET	Taroloy, Tarolox
PMMA & SMMA	LG MMA
PA6, PA66 & PA12	Lumid; Luxy; Taromid; Esamid; Spectron
POM	Kepital; Lucel

## STYRENIC

POLYMER	BRANDS
ABS	LG Chem; Ponacom; Tarodur; Nilsan
ABS	LG Chem Lupos (Glass Reinforced)
MABS	LG Chem
ASA	LG Chem
GPSS	Solarene
HIPS	Solarene; Ponacom
SAN	LG Chem

## HIGH PERFORMANCE POLYMERS & COMPOUNDS

POLYMER	BRANDS
mPPE/mPPO	Lumiloy; Taronyl
PPS	Lusep
SPS	Lusep

### SPECIALITY COMPOUNDS

SPECIALITY COMPOUNDS	POLYMER TYPE/ DESCRIPTION
ESD & Static Dissipative	Electro Static Dissipative & Permanently Anti-static
EMI/RFI	Electro Magnetic Interference Shielding Compounds
Long Fibre Compounds	PA, PP, PBT, PPS, PPA
High Gravity Compounds	PA, PP, PBT
High Reflectance	PC Lupoy
LED Diffusion	PC Lumiplas, PMMA Diffusion
Conductive Compounds	Thermal & Conductive Lucon ABS, PC, PS, PPS, mPPE

## COMPOUNDING: COLOUR & SPECIAL ADDITIVES

✓ Anti-microbial	✓ Glass
✓ UV stabilisers	✓ Carbon fibre
✓ Flame retardants	✓ Barium
✓ Minerals	✓ Anti-static
✓ Talc	✓ Blowing agents

## COMMODITY

POLYMER	BRANDS
EVA	Seetec
HDPE	Lucene; Ponacom
LDPE	Lucene
PE / PP	Hyperier (Blow moulding barrier additive)
XLPE	Lutene
MPE	Lucene
POE	Lucene
PP	Lupol; Seetec; Haiplen; Nilene; Niflex; Spectron
PVC	UK sourced
PLA	Spectron

## ELASTOMERS

POLYMER	BRANDS
TPE SBS	Niflex S
TPE SEBS	Niflex SH
TPEE	Keyflex BT
TPE-O	Keyflex TO
TPV	Taroprene
EBE	LG Chem (Ethylene-Butene-Elastomer)
EOE	LG Chem (Ethylene-Octene-Elastomer)