About us...

Since 1975, Condensia manufactures and sells, from its facilities in Barcelona, special esters for niche applications and custom products created for our clients, with whom we aim to build solid and long-lasting collaborations, based on mutual cooperation and trust, through a relationship that is always direct and communicative, honest, quick-responding and flexible.

Rising our presence in international markets entails focusing on our primary objectives: to grow in an environmentally friendly way, to bring added value to our customers, to maintain our spirit of continuous improvement, to optimize our resources and to never forget that the people who work at Condensia make this reality possible thanks to an institutional culture based on values such as respect, professionalism, integrity and teamwork.

Passion for chemistry

condensia

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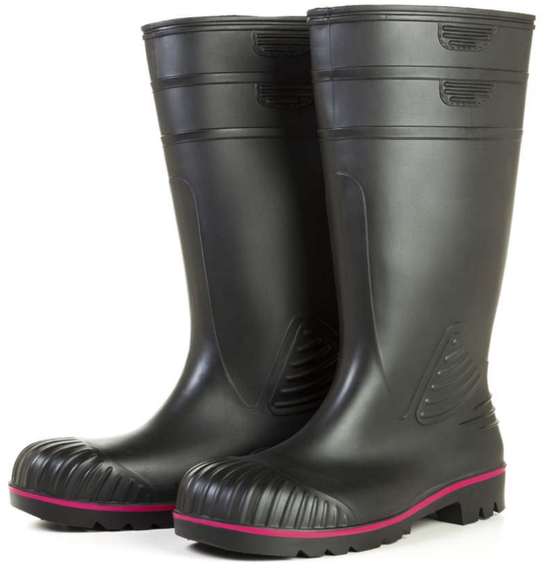
Rubber

Monomeric & Polymeric Plasticizers / Specialties



Rubber

Condensia offers a broad range of ester plasticizers for rubber (CR, NBR, ACM, AEM, ECO, etc.) used in various applications such as automotive, footwear, hoses, gaskets, conveyor belts, O-rings, CVJ boots, etc.

They impart performing benefits to the end products:

- Reducing the melt viscosity
- Modifying mechanical properties
- Modifying thermal properties
- Fillers compatibilizer
- Ageing improvement

Glyplast® plasticizer esters are characterized by low toxicity, low volatility, high solvating performance, low migration, high biodegradability, bio-based content and absence of residues and impurities. Due to these remarkable properties these plasticizers are generally adapted to undergo very strict legislations such as European and FDA food contact legislation.

Polymerics

Saturated polyesters characterized by wide range of viscosities, specially recommended as a replacement for monomeric plasticizers when volatility, migration or extraction requirements are key features. Additionally, yield good flexibility at low temperatures.

Monomerics

High performance plasticizers, excellent alternative to standard phthalates. These plasticizers have peculiars properties such as high solvating power, good workability, low toxicity, environmentally friendly and partially biobased.
Depending on the combination of the raw materials, we offer:

Adipates:
General purpose: low temperature applications.
Polyether-ester: Outstanding high-low temperature performance.

Sebacates: Extreme low temperature requirements.

Trimellitates: High temperature applications.

Phthalates: General purpose.

Specialties

Antistatic plasticizers: This class of aliphatic plasticizers produces its antistatic properties by adsorbing atmospheric moisture and reducing the electrical surface resistance of the material. Can be used as secondary plasticizer imparting resistivity of the order of 10^6 Ohm. It is suitable for food contact application by 10/2011EC.

External: Ionic
Internal: Non-Ionic

Demolding Agent: Specially recommended as an external release agent over mandrels for curing hoses. It is easily removed from barrels and offer excellent metal scavenger activity. Low COD, biodegradability over 95% and recoverable by distillation.

	CHEMICAL AND PHYSICAL PROPERTIES									MAIN APPLICATIONS						RUBBER TYPES						
	VISCOSITY @25°C (cP)	DENSITY @25°C (g/cm³)	EXTRACTION RESISTANCE	AGEING	HIGH TEMPERATURE PERFORMANCE	LOW TEMPERATURE PERFORMANCE	EU FOOD CONTACT	BIODEGRADABILITY OECD 301F	BIOBASED CONTENT (in weight)	AUTOMOTIVE	LAMINATED ARTICLES	HOSEPIPES	GASKETS	CONVEYOR BELTS	FOOTWEAR	CR	NBR/HNBR	ACM	AEM	PU	CPE	ECO
POLYMERIC PLASTICIZERS																						
Glyplast 1070C	15000	1.11	++	+	++	+	N	>75%	15%	●		●	●	●			●					
Glyplast 20K/3	900	1.10	+	++	+	++	Y	>75%	50%		●		●				●					
Glyplast 20K/6	3300	1.11	++	+++	++	+	Y	>85%	50%	●	●	●	●	●	●		●					
Glyplast 20K/8	7000	1.12	+++	++++	+++	+	Y	>85%	50%	●	●	●		●	●		●					
Glyplast 206/3NL	850	1.09	+	+	+	++	Y	>75%	15%		●		●				●					●
Glyplast 206/5NL	2200	1.10	++	++	++	+	Y	>85%	15%	●	●						●				●	●
Glyplast 206/6NL	2700	1.10	++	++	++	+	Y	>85%	15%	●	●		●	●			●				●	●
Glyplast 206/7NL	4000	1.12	+++	++	++	+	Y	>85%	15%	●	●	●	●	●	●		●				●	●
Glyplast 206/8NL	7000	1.12	+++	+++	+++	+	Y	>85%	15%	●	●	●		●	●		●					
Glyplast 206/9NL	9000	1.13	++++	+++	+++	+	Y	>85%	15%	●	●				●		●					
Glyplast 2106/7	4000	1.11	+++	++	++	+	N	>85%	25%	●			●				●					
Glyplast 392	850	1.05	+	+	++	++	N	<75%	0%		●			●			●					
Glyplast 2092/6N	3400	1.10	++	+	++	++	N	<75%	0%				●				●					
Glyplast 27K/3	700	1.09	++	++	++	+++	N	>75%	100%	●	●		●	●			●	●	●			
MONOMERIC PLASTICIZERS																						
ADIPATES																						
Glyplast DOA	14	0.92	+	+	+	+++	Y	>90%	0%	●	●	●	●	●		●						
Glyplast DIDA	23	0.92	++	++	++	+++	N	>75%	0%	●	●	●	●		●	●	●					
Glyplast 801	20	1.02	++	++	++	+++	FDA	>85%	0%								●	●		●		●
Glyplast 803	30	1.04	+++	+++	+++	+++	N	>85%	0%								●	●	●	●		●
SEBACATES																						
Glyplast DOS	19	1.04	+++	+++	++	+++	FDA	>85%	60%							●						
TRIMELLITATES																						
Glyplast TMO	190	0.98	++	++	++	++	N	>15%	0%	●	●	●	●	●		●	●	●				●
Glyplast TML810	135	0.97	++	+++	+++	++	N	>45%	70%	●	●	●	●	●		●		●	●			●
Glyplast TML130	150	0.96	+++	+++	+++	++	N	>45%	70%	●	●		●	●				●	●			
PHTHALATES																						
Glyplast DTDP	190	0.95	++	++	++	++	N	>74%	0%	●	●	●	●	●	●		●					
SPECIALTIES																						
ANTISTATIC PLASTICIZER																						
Glyplast AS3	n/a	1.11	++	++	+	+	Y	>85%	0%	●	●	●		●	●		●	●				
Glyplast AS809	40	1.02	++	++	++	+++	FDA	>85%	0%								●	●				
DEMOLDING AGENT																						
Glyplast 706/5	1800	1.13	n/a	n/a	++	+++	N	>85%	0%									●	●			