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.

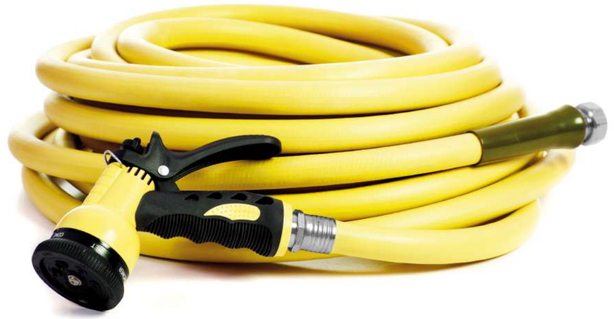
Passion for chemistry

condensia

condensia

PVC

Monomeric / Polymeric / Antistatic & Special Plasticizers



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PVC

Condensia offers a broad range of plasticizers for polyvinylchloride (PVC) used in various applications such as automotive, cables, flexible packaging, flooring, footwears, hoses, synthetic leather, gaskets, etc.

They impart performing benefits to the end products:

- Reducing the melt viscosity
- Decreasing the Tg temperature
- Modifying mechanical properties
- Improving biodegradability
- Increasing bio-based content

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 FDA and EU about Food Contact Materials.

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 phthalates. These plasticizers have peculiars properties such as high solvating power and low gelation temperature, good workability, low toxicity, environmentally friendly and partially bio-based. Depending on the combination of the raw materials, we offer:

- Adipates: General purpose
- Sebacates: Low temperature applications
- Trimellitates: High temperature applications
- Benzoates: High solvating power and low gelation temperature

Specialties

Azelates: Azelates show low volatility, high plasticizing efficiency, excellent resistance to extraction by water, oils and soaps. DOZ exhibits very low torque in plastisol, excellent viscosity stability and outstanding UV light resistance.

Antistatics: This class of aliphatic plasticizer 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.

	CHEMICAL AND PHYSICAL PROPERTIES									MAIN APPLICATIONS									
	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)	CABLES	AUTOMOTIVE APPLICATIONS	REFRIGERATOR GASKETS	TAPES/ FILMS	HOSE-PIPES	FOOD CONTACT FILMS	FLOO-RING	GAS-KETS	CONVEYOR BELTS	FOOT-WEAR
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 20K/9	10000	1.08	++++	++++	+++	+	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	1.04	++	+++	+++	+++	N	>85%	100%	●	●		●					●	
MONOMERIC PLASTICIZERS																			
ADIPATES																			
Glyplast DOA	14	0.92	+	+	+	+++	Y	>90%	0%	●	●		●	●	●		●	●	
Glyplast DIDA	23	0.92	++	++	++	+++	N	>75%	0%	●	●		●	●		●	●		●
SEBACATES																			
Glyplast DOS	19	0.91	++	+++	++	+++	FDA	>85%	60%	●	●		●	●			●	●	
TRIMELLITATES																			
Glyplast TMO	190	0.98	++	++	++	++	N	>15%	0%	●	●		●	●			●	●	
Glyplast TML810	135	0.97	+++	+++	+++	++	N	>45%	70%	●	●		●	●			●	●	
BENZOATES																			
Glyplast DEPG	100	1.16	+++	+++	++	++	FDA	>85%	0%		●		●			●			
Glyplast DPPG	90	1.12	+++	+++	++	++	FDA	>85%	0%		●		●			●			
Glyplast TEPG/SG	100	1.11	+++	+++	++	++	FDA	>85%	0%										
SPECIAL PLASTICIZER																			
Glyplast DOZ	40	0.90	++	+++	++	++	N	>85%	60%	●	●			●					
ANTISTATIC PLASTICIZER																			
Glyplast AS3	90	1.11	++	++	++	++	Y	>85%	0%		●		●	●	●	●		●	●