

MARINE PLASTIC



MARINE WASTE PLASTIC.

Tackling pollution in our oceans is a challenge. Audia Elastomer's OP line can help upcycle plastic waste from multiple sources.

When you need to meet your sustainability goals, our OP line of elastomer compounds allows more design freedom and end uses for marine plastic versus single resin recycling. With FDA compliant options available, our team can use 5 – 45% marine plastic content with up to 70% total recycle content.

Hardness from 40 shore A to 95 Shore A, Audia Elastomers goes beyond with 'oceanbound' plastic collection in 3rd world countries, commercial fishing gear, beach clean-up, and lot to lot traceability by source.

At Audia Elastomers, we're committed to sustainability. Our team is ready to collaborate to help the environment.

PRODUCT NAME	970P300	65P0200	670P200	370P200	450P200	540P300	850P300
Sample reference	S152180	S151423	S152031	S152032	S151426	S152033	S151525
Ocean recycle	45	22	22	5	10	15	30
Total recycle (ocean plus post industrial)	70	50	50	50	50	15	30
Overmolding	PC/ABS	PP	PP	PP	PP	PC/ABS	PC/ABS
Hardness (Sh A)	97	64	67	40	45	55	85
Density	1.07	0.9	0.9	0.89	0.89	0.95	0.99
Tensile strength (psi)	1250	750	1000	750	700	600	750
Tear strength (lbf/in)	300	190	200	130	140	170	180
Elongation (%)	50	800	800	700	750	600	200

*Initial development grades based on beach source plastics, others available