

SUSTAINABLE SOLUTIONS



台灣化學纖維股份有限公司
FORMOSA CHEMICALS & FIBRE CORPORATION



At Formerra, we understand the challenges and opportunities associated with meeting your sustainability goals. Our sustainable solutions portfolio includes materials made with bio-based, renewably-sourced and recycled content as well as services and solutions for lightweighting and lead replacement.

Visit formerra.com to explore the latest details on our products and services or call +1.888.502.0951 to discuss how Formerra can help you with your sustainability efforts.

MATERIAL	SUPPLIER	PRODUCT NAME	SOLUTIONS AVAILABLE IN SELECT GRADES*
ABS	Formerra	VerityPlus™ RC	Utilizes a minimum of 25% recycled content
ABS	Formosa Chemicals & Fibre Corporation*	n/a	Contains 30% or 50% post-consumer recycled content
ABS	INEOS Styrolution	Terluran® ECO	Utilizes 50% or 70% post-consumer recycled content
Acetal POM Homopolymer	DuPont	Delrin® RA	Comprised of 95–100% bio-derived material
Additive	Avient	OnCap™ BIO	Additives that enhance the properties of bioplastics
Cellulosics	Eastman	Tenite™	Comprised of 100% bio-derived material
Colorant	Avient	OnColor™ BIO	Colorants created for use with bio-plastics such as PLA, PHA, PHBV, PBS, and PBAT
Compatibilizer	Dow	RETAIN™	Polymer modifiers that enable the recyclability of PE film structures that use EVOH or PA for the barrier layer
HIPS	Formerra	VerityPlus™ RC	Contains a minimum of 25% recycled content
HIPS	Formosa Chemicals & Fibre Corporation*	n/a	Contains 30% post-consumer recycled content
Long Fiber Composites	Avient	Complēt™ OnForce™	Provide lighter weight alternatives to steel (~80% lighter) and aluminum (~50% lighter)
Long Fiber Composites	Avient	Complēt™ REC	Long fiber reinforced composite containing 50–100% recycled content (both PCR and PIR)
MBS	INEOS Styrolution	Zylar® Ultra Black	Made from up to 54% post-industrial content
PA (PA 11, PA 12)	Arkema	Rilsan®	Contains 17–97% bio-derived material
PA (Copolymer)	Arkema	Rilsan® Clear Rnew®	Contains 45–60% bio-derived material
PA (PA 66)	Avient	Nymax™ PIR	Contains 20–100% post-industrial recycled nylon

*Formosa Chemicals and Fibres Corporation grades available in select regions only.



MATERIAL	SUPPLIER	PRODUCT NAME	SOLUTIONS AVAILABLE IN SELECT GRADES*
PA (PA 610, PA 1010)	DuPont	Zytel® RS	Contains 10–95% bio-derived material
PA (PA 6)	Lanxess	Durethan® ECO Durethan® BLUE	Contains 15–60% recycled content Comprised of 92% sustainable raw materials
PA (PA 6, PA 66)	Nylene	Nylene®	Contains a minimum of 25% recycled content
PBT PBT + PET	Lanxess	Pocan® ECO	Contains 25–30% recycled content
PC	Covestro	Makrolon® RE Makrolon® R	Contains 60–71% bio-derived material Contains up to 75% recycled content
PC	Formosa Chemicals & Fibre Corporation*	n/a	Contains 30–75% post-consumer recycled content
PC/ABS	Covestro	Bayblend® RE Bayblend® R	Contains 30–55% bio-derived material Contains 10–35% post-consumer recycled content
PC/ABS	Formosa Chemicals & Fibre Corporation*	n/a	Contains 30% or 35% post-consumer recycled content
PC + PET	Covestro	Makroblend® RE Makroblend® R	Contains 25–43% bio-derived material Contains up to 75% recycled content
PEBA	Arkema	Pebax® Rnew® Pebax® Clear	Contains 24–97% bio-derived material Contains 90% bio-derived material
PET	DuPont	Rynite® PCR	Contains a minimum of 30% post-consumer recycled PET
PP	Formerra	VerityPlus™ RC	Contains 25% post-industrial recycled or post-consumer recycled content
PP	Formosa Chemicals & Fibre Corporation*	n/a	Contains 30% post-consumer recycled content

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PP	GEON® Performance Solutions	GEON® RESILIENCE® R	Contains up to 35% post-industrial recycled content
PP	LyondellBasell	Hostacom RE	Contains post-industrial or post-consumer recycled PP & TPO or 25% post-consumer recycled PP
PP	RheTech	n/a	Contains 100% post-consumer recycled content
PP	RheTech	RheVision	Contains a minimum of 25% recycled content
PPA	DuPont	Zytel® HTN	Contains 10–30% bio-derived content
PS	AmSty	PolyRenew®	Contains 20–25% recycled content
PVC	GEON® Performance Solutions	GEON® BIO	Contains a minimum of 25% bio-derived content
PVC	GEON® Performance Solutions	GEON® Non-Phthalate	Non-phthalate formulations; non-phthalate plastisols
PVC	Dimex	Dimex PVC	Contains a minimum of 25% recycled content
Specialty Formulations	Avient	Gravi-Tech™	Lead replacement technologies
TPC	DuPont	Hytrel® ECO B	Contains up to 72% bio-derived material
TPC-ET	DuPont	Hytrel® RS	Contains a minimum of 20–60% bio-derived material
TPE	Avient	reSound™ OM	Contains between 40% and 50% bio-renewable content derived from sugarcane
TPE	Avient	reSound™ R	Utilizes 25–40% recycled content; post-consumer recycled content grade formulated with recycled ocean plastics
TPO (POE)	LyondellBasell	Hostacom RE	Contains post-industrial or post-consumer recycled PP & TEO; Percentage of recycled content may vary
TPU	Dimex	Dimex TPU	Contains a minimum of 25% recycled content

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