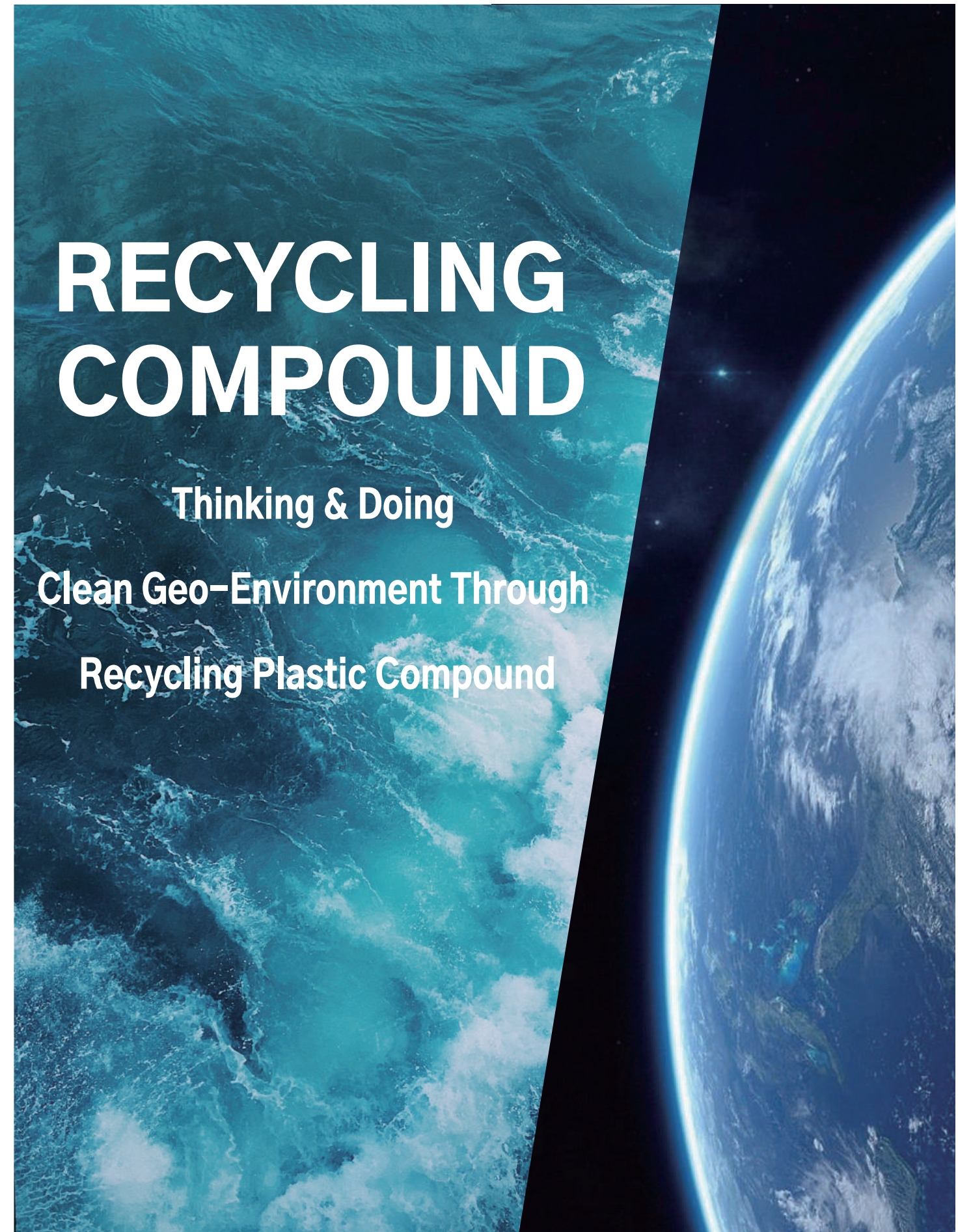




KECIPOL®

RECYCLING COMPOUND

Thinking & Doing
Clean Geo-Environment Through
Recycling Plastic Compound



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1 KECIPOL® PBT Compound

KECIPOL® A SERIES is Polybuthylene Terephthalate compound and specialized in thermoplastic among engineering plastics.

Benefits and Features

- Excellent mechanical property
- Rapid crystallization that result in short foaming processability
- Great dimensional stability
- Superior to abrasion resistance and chemical resistance
- Very good electrical property
- High property reinforcement effect by glass fiber reinforced
- UL94 V-0 level with characteristic of great flame retardant

Applications

- Suitable for Automotive / Electronics

Typical Values – PBT Compound

Grade	Material type	Tensile Strength	Flexural Strength	Flexural Modulus	Izod Impact Strength	Flammability		Halogen
		ISO 527	ISO 178	ISO 178	ISO 179/1eA	UL94	-	-
		MPa	MPa	MPa	KJ/m ²	0.8T	0.8T	-
A530G	GF30%	130	200	9,200	8.0	-	-	Free
A530GVE	GF30%+V0	120	180	9,000	7.0	V - 0	-	-
A530GVPE	GF30%+V0	100	165	9,000	7.0	-	V - 0	Free

2 KECIPOL® PA6 Compound

KECIPOL® B SERIES is PolyAmide 6 compound and specialized in thermoplastic.

Benefits and Features

- Excellent mechanical property
- Superior to heat resistance, chemical resistance and oil resistance
- Good foaming processability and easier to reinforce various glass fiber and filler
- Superior to abrasion resistance
- High moisture absorption

Applications

- Suitable for Automotive / Electronics / Profile

Typical Values – PA6 Compound

Grade	Material type	Tensile Strength	Flexural Strength	Flexural Modulus	Izod Impact Strength	Flammability		Halogen
		ISO 527	ISO 178	ISO 178	ISO 179/1eA	-	-	-
		MPa	MPa	MPa	KJ/m ²	1.6T	-	-
B530G	GF30%	160	230	8,200	10.0	-	-	Free
B530GV	GF30%+V0	130	210	10,000	8.0	V - 0	-	Free

3 KECIPOL® PP Compound

KECIPOL® F SERIES is Polypropylene compound and special resin based on High Crystalline Polypropylene Plastics (HCPP).

Benefits and Features

- Excellent mechanical property
- Available for wide range of application including low TVOC injection

Applications

- Suitable for Automotive / Electronics / Home appliance

Typical Values – PP Compound

Grade	Material type	Tensile Strength	Flexural Strength	Flexural Modulus	Izod Impact Strength	Flammability		Halogen
		ISO 527	ISO 178	ISO 178	ISO 179/1eA	-	-	-
		MPa	MPa	MPa	KJ/m ²	1.6T	-	-
F500V	Unreinforced V0	30	40	2,500	2.0	V - 0	-	Free
F530GH	GF30%+longterm heat resistance	90	140	6,500	11.0	-	-	Free
F530GV	GF30%+V0	85	135	7,200	10.0	V - 0	-	Free