



CERTIFIED SOLUTIONS FOR PLASTICS UPCYCLING & CIRCULAR ECONOMY

CirKular+™ products enable a balanced equilibrium in performance and value enhancement for virgin, bioplastics, and post-consumer (PCR) and post-industrial plastic recycling streams for recyclers, compounders, converters and brand owners.

VALUE CREATION



PERFORMANCE ENHANCEMENT

- » Recyclable Design
- » Maximized PCR Content
- » Formulation Cost Efficiency
- » Tax Incentives with Recycled Materials*
- » Lower CO₂ and Plastic Waste Reduction

- » Enhanced Mechanical Properties
- » Improved Durability & Aesthetics
- » Multi-Material Design Flexibility
- » Versatile End Use & Functionality
- » Increased Process Efficiency



RecyClass





CERTIFIED MIXED PLASTICS COMPATIBILIZERS AND PERFORMANCE ENHANCEMENT ADDITIVES FOR POLYOLEFINIC AND STYRENIC RECYCLING STREAMS

CirKular+™ Series	CirKular+™ Grade	Max Processing T°C	FDA Clearance ¹	Melt Flow, 230° C/5kg (g/10min)	Polyolefins: PP, HDPE, LDPE, MDPE, Polyolefinic Blends, mPE	PS, HIPS	EVA	EVOH, PVA	Wood Fiber & Cellulose	Polylactic Acid	PET	Polyamides & Nylons	ABS	PC
Compatibilization Series	C1000	280°C	✓	22	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	C1010	280°C	✓	34	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	C1010 (50% recycled)	280°C		34	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Performance Enhancement Series	C2000	280°C	✓	24	✓	✓	✓	✓	✓	✓	✓			
	C3000	200°C	✓	11 ²	✓	✓	✓							

¹ Please contact your Sales Manager for details
² Melt Flow, 200°C/5kg (g/10min)

Potential Applications

- » Consumer Products
- » Automotive
- » Rigid Packaging (Food or Non-food)
- » Flexible Packaging and Films
- » Industrial
- » Building and Construction
- » Medical

Processing Versatility

- » Compounding
- » Dry Blending
- » Extrusion
- » Injection and Blow Molding
- » Films Casting
- » Thermoforming
- » Tie Layer in Multi-layer Structures

KRATON CORPORATION

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