

Smarter choice for efficient plastics recycling!

Sicopal® Black K 0098 FK



Properties

- High tinting strength and opacity
- NIR-reflectivity at any concentration
- Extremely heat resistant in all plastics even after multiple processing steps
- Compliant to AP (89) 1, EN 71-3, 94/62/EEC and CONEG regulating heavy metal content
- Food contact compliant (EU, Japan)
- Non migrating, no PAA release

Applications

- Use as main shade black or as shader
- Polyolefins and Engineering plastics (PA, PET, PC, high heat polymers...)
- All black or colored plastics from Food packaging to industrial goods
- Suitable for micro-wave and oven heated food trays

Sustainability benefits

- Sustainable alternative to carbon black
- Enables all blacks and colorful formulations to be recyclable
- Allows multiple product life cycles through mechanical recycling
- Opens options for closed loop recycling (not degrading, durable)

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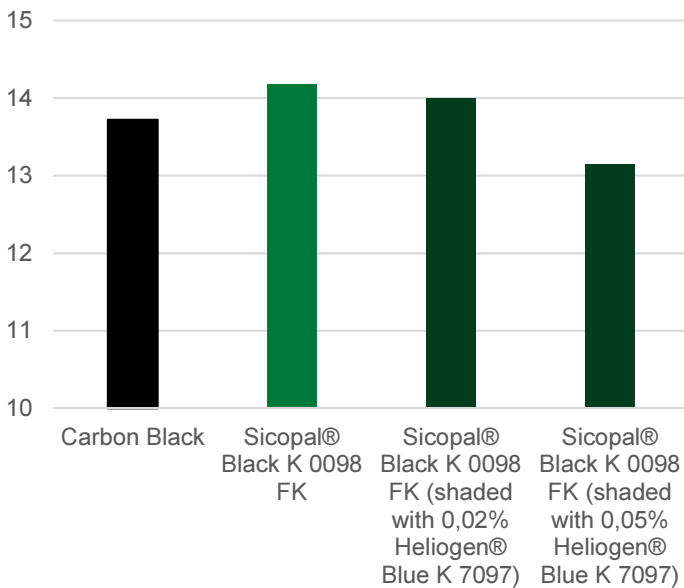
New Recyclable Black for More Sustainable Designs

- Want to design plastics articles that will be recycled with NIR sorting technology ?
- Want to create a deep black or colorful designs that can be recycled or durably reused ?
- Want to support your industry going for closed loop mechanical recycling ?

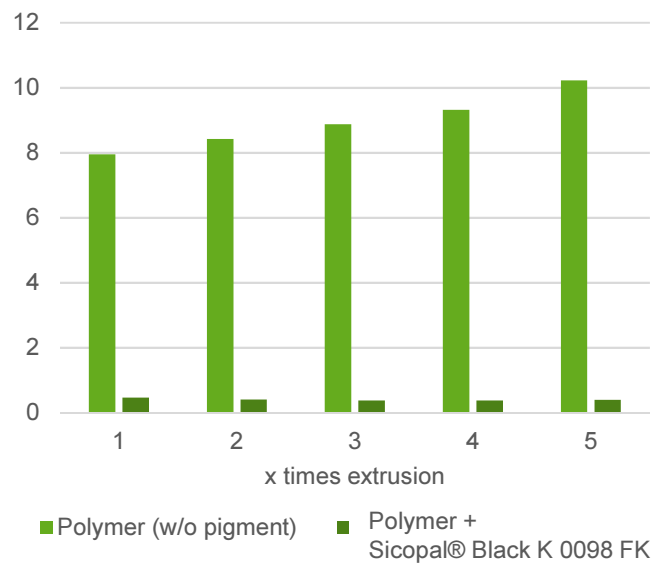
→ Make use of Sicopal® Black K 0098 FK, the versatile recyclable black

- NIR-reflective to enable efficient polymer sorting for recycling
- High heat stability, suitable for almost all polymers
- Improved tinting strength: lower lightness, higher opacity
- Excellent durability, ideal for multiple processing and life cycles
- Ideal as shading component to make color formulation recyclable

Lightness
(PET, 0.4 mm, 1% Pigment)



Yellowness after multiple extrusion
(1% Pigment in PP)



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