

CABELEC® conductive concentrates

Flexibility for compounders and processors

CABELEC conductive concentrates

- ◆ Flexibility in designing conductive parts to the required performance level
- ◆ A single concentrate for different polymer types, process types and applications
- ◆ Multiple dilutions of the concentrate possible, depending on conductivity level required
- ◆ Additional saving potential in overall raw material costs

Expanded portfolio

CABELEC conductive concentrates are made from polystyrene (PS), polypropylene (PP) and polyethylene (PE) to provide processors with a broad portfolio for designing and molding conductive plastics. As with all our CABELEC products, they are manufactured to exacting standards to meet the quality and reliability requirements of processors and compounders.

Cabelec Concentrate product	Polymer	Target application
CC6135	PS	Styrenic sheets and thermoformed articles
CC6057	PP	PP molding and corrugated sheet and PP slit tape
CC6277	PE	PP monofilament
CC6296	PS	PS thermoformed sheet
XS6455A	EVA	EVA foams, PVC, compounding
XS6325A	PA	Polyamide compounding
XS6324B	PE	PP monofilament



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Optimal performance

Our conductive concentrates help meet the critical needs of compounders and processors that must deliver conductivity for electrostatic discharge and other critical conductive applications. Our compounding technology allows CABELEC conductive concentrates to be loaded with higher levels of conductive carbon blacks than previously possible; the resulting concentrates provide processors the opportunity to target conductivity levels as well as incorporate proprietary additive packages. Key advantages over competitive products include the ability to:

- ♦ Tailor conductivity
- ♦ Customize formulations
- ♦ Lower handling costs

Processing

CABELEC conductive concentrates can be processed on conventional extrusion and injection molding equipment, typically at low shear conditions. Actual processing temperatures should be adapted according to the nature of the equipment and the manufactured article to give optimal quality. More detailed information on processing conditions can be obtained from individual product data sheets.

For more information on our CABELEC conductive concentrate portfolio, please contact your Cabot representative.

Cabot: A proud history and global reach

Cabot Corporation is a global performance materials company, and we strive to be our customers' commercial partner of choice. We have been a leading manufacturer for more than 130 years. Our global reach enables us to partner closely with our customers to meet the highest standards for performance, quality, and service.

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