



## Technical Data Sheet

### Polyfil® WC

Polyfil®WC clay is an organo-functional calcined kaolin clay used in Wire and Cable and other thermoplastic applications. It is designed to reduce water vapor transmission, yields excellent wet and dry electrical properties, and also long-term stability in EPR and cross-linked polyethylene. Calcined clays have low conductivity due to the elimination of bound water during the calcined process. Compounds with calcined clays extrude smoothly and reduce stickiness in processing.

**Region:** North America

**Industry:** Rubber & Plastic

**Application:** Non-Black Rubber, General Rubber Goods, EPDM, Wire & Cable

**Physical Form:** Dry

**CAS No.:** Proprietary

**Screen Residue, 325 mesh, %:** 0.01

**Median Particle Size, microns (Malvern Laser):** 3.2

**Average Stokes Equivalent Particle Diameter, microns:** 1.4

**Oil Absorption, g/100g:** 54

**Brightness, % Reflectance (TAPPI):** 91

**Specific Gravity:** 2.6

**Surface Area, BET, m<sup>2</sup>/g:** 7 - 9

**Crystalline Silica (quartz), %:** <0.10

**Shipping Point:** Macon, GA

**KaMin® LLC.**

**Address (Macon Plant)**

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Macon, GA 31217

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Revised April 2015

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