

Polarite™ 102A

IMERYS KAOLIN
Par Moor Centre - Par Moor Road - Par
Cornwall – UK – PL24 2SQ
T +44 1726 818000
F +44 1726 811200

Polarite™ 102A is a calcined kaolin coated with an aminosilane coupling agent for use with polyamides to impart good dimensional stability, rigidity and impact strength.

Calcined kaolins are produced from highly refined kaolins by heating at temperatures above 1000°C. During calcination, chemical, morphological and mineralogical changes occur.

SPECIFICATION

Brightness (ISO R457)	89.0 ± 1.5
+ 53 µm (ppm max.)	500
+ 10 µm* (mass % max.)	10
- 2 µm* (mass % min.)	45
Moisture (mass % max.)	0.5
pH @ 10% solids	8.5 - 10

TYPICAL PROPERTIES

Specific Gravity*	2.6
Surface area* (BET; m ² /g)	8.5
Aerated powder density (kg/m ³)	360
Tapped powder density (kg/m ³)	710

* Measured prior to surface treatment

CAS No. 92704-41-1
EC No. 296-473-8



FM 14752

Notice: Although the data listed are typical, they are not production specifications. The supplier provides the data in good faith, however it makes no warranty or representation of any kind, express or implied, regarding the information given or product described including any warranty of suitability for a particular purpose.

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