

Polarite™ 102A

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

		Polarite 102A
Brightness	(ISO R457)	89.0 ± 1.5
+ 300 mesh	(mass % max.)	0.05
+ 10 µm*	(mass % max.)	10
- 2 µm*	(mass % min.)	45
Moisture	(mass % max.)	0.5
pH		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

* All properties measured prior to surface treatment

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

DAT102CK

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The data quoted are determined by the use of IMERYYS Minerals Ltd Standard Test Methods, copies of which will be supplied on request. Every precaution is taken to ensure the products conform to our published data, but since the products are based on naturally occurring raw materials, we reserve the right to change these data should it become necessary. Sales are in accordance with our 'Conditions of Sale', copies of which will be supplied on request.