

# Polarite™ 103A

Polarite 103A is a calcined kaolin treated with a vinyl functional silane for use with peroxide and other free radical crosslinking systems.

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

## IMERY'S PERFORMANCE & FILTRATION MINERALS

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## SPECIFICATION

Brightness	(ISO R457)	90.0 ± 1.5
+ 300 mesh	(mass % max.)	0.05
+ 10 µm*	(mass % max.)	10
- 2 µm*	(mass % min.)	45
Moisture	(mass % max.)	0.5

## TYPICAL PROPERTIES

Specific gravity*	2.6
Surface area* (BET; m <sup>2</sup> /g)	8.5
Aerated powder density (kg/m <sup>3</sup> )	430
Tapped powder density (kg/m <sup>3</sup> )	610

\* All properties measured prior to surface treatment

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



ISO 9001  
FM 14752

*The data quoted are determined by the use of IMERY'S 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.*