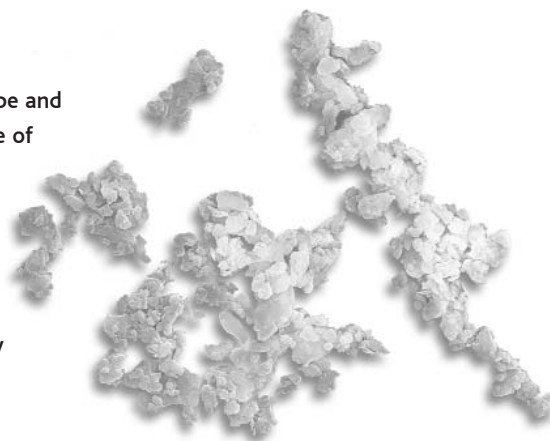


# PoleStar™ 200R

PoleStar 200R is a high purity fully calcined kaolin. It is calcined at above 1000°C to give a particle shape and morphology that is perfectly suited for a wide range of rubber applications.



## BENEFITS

- Excellent processability
- No extrusion plate-out
- High dimensional stability and low porosity
- No mould fouling
- Good reinforcement and colour properties

## KEY PRODUCT FEATURES

- Less than 1wt% crystalline silica
- Particle structure
- High stability and purity
- High brightness

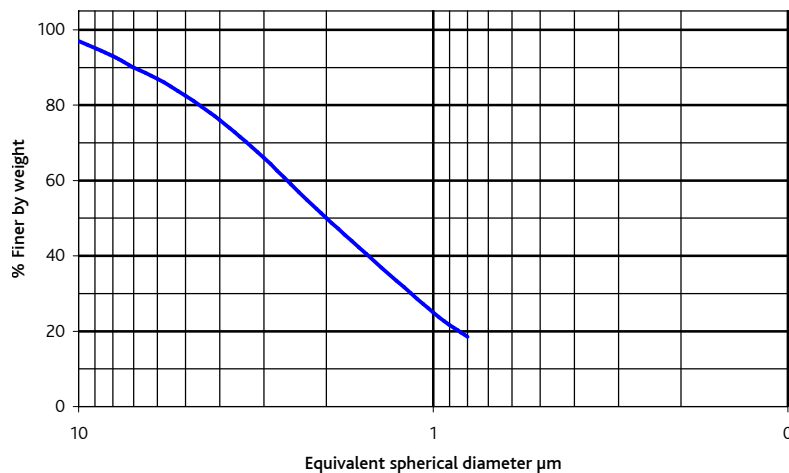
## APPLICATIONS

- Wire and cable
- EPDM/EPR extrusion profile
- Pharmaceutical rubber
- TPV's

## TYPICAL PROPERTIES

Brightness (ISO)	88
Specific gravity	2.65
Moisture (%)	0.2
pH	6.5
<b>Particle Size</b>	
+53µm (% max)	0.5
+10µm (%)	8
-2µm (%)	55
-1µm (%)	25
Oil Absorption (g/100g)	50
<b>Chemical Analysis</b>	
% Al <sub>2</sub> O <sub>3</sub>	42
% SiO <sub>2</sub>	55
<b>Mineralogy</b>	
Amorphous	

## TYPICAL PARTICLE SIZE DISTRIBUTION



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2001  
First Edition



FM 14752  
BS EN ISO 9002

Kaolin does not appear in EINECS as an individual entry but is classified as "naturally Occurring Substance" with the EINECS No. 310-127-6.

## IMERYS

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IMERYS is a business name of  
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The data quoted are determined by the use of Imerys 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.