

# CARBOGRIND XT

High-performance, intermediate-density ceramic grinding media

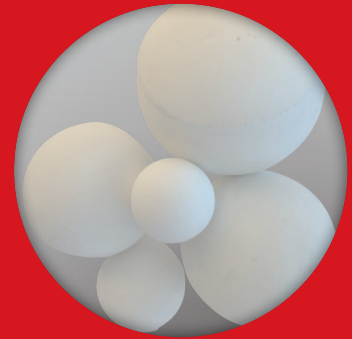
Sizes: 20-60mm | Apparent density: 3.0-3.6 g/cm<sup>3</sup>

## Features

- Superior strength and hardness
- Uniform size and shape with excellent sphericity
- Lower density than alternatives such as steel or iron balls
- Chemically inert and environmentally friendly

## Benefits

- High grind efficiency
- Longer product life cycle
- Decreases product contamination
- Reduces equipment wear and maintenance costs
- Less cost per volume than high-density alternatives



CARBOGRIND® XT high-performance, intermediate-density ceramic grinding media is engineered to provide unmatched economic and performance advantages in fine-grinding applications for soft minerals. The sintering process used in manufacturing our media results in superior strength and wear resistance with a consistent particle size and shape.

## Chemical and physical properties

### Typical size

Product	Diameter (mm)	Diameter (in)
300-300	30	1.25
300-400	40	1.50
300-500	50	2.00
300-600	60	2.50
360-100	10	0.40
360-200	20	0.75
360-220	22	0.875
360-250	25	1.00
360-300	30	1.25
360-400	40	1.50
360-450	45	1.75
360-500	50	2.00
360-600	60	2.50

Other sizes and densities available on request.

### Typical additional properties

	300	360
Apparent density (g/cm <sup>3</sup> )	≥ 3.0	≥ 3.6
Vickers hardness* (0.5 kg)	750	1200 ± 50
Mohs hardness	7+	9
Thermal expansion coefficient (20-1000°C)	6-7	8.2 ± 0.5
Sphericity	>0.9	>0.9
Color	Beige	White

### Chemical composition

Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Other
≥90	≥5	≤5

\*Standard deviation as % of median  
Data is subject to change due to continuous improvement of the product.

## Applications and markets

- Ball mills, scrubbers or pebble mills
- Mining
- Industrial minerals
- Industrial ceramics
- Sanitary ceramics

Talk to CARBO to find out how we can improve your end-product quality and reduce operating costs.

Learn more at +1 800 551 3247 | [carboindustrial.com](http://carboindustrial.com)

