

# COC-A55

## Granular coconut shell activated carbon

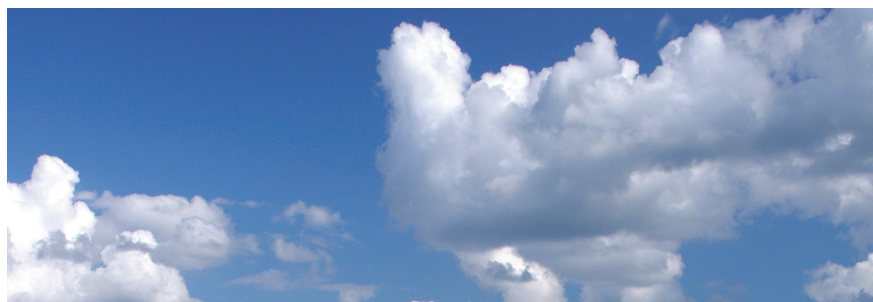
**COC-A55** is a highly active granular activated carbon manufactured via high temperature steam activation from selected grades of coconut shell.

**COC-A55** is suitable for use in a wide variety of air purification and vapour phase applications such as odour & VOC control, industrial air filtration, solvent recovery, catalyst support, cooking odour removal, smoking rooms and HVAC systems.

The well-developed microporous structure of **COC-A55** gives it a significant advantage when adsorbing lower molecular weight organic molecules, particularly under low concentration conditions.



| SPECIFICATIONS     | COC-A55                     | ASTM METHOD               |
|--------------------|-----------------------------|---------------------------|
| CTC Activity       | 55%                         | D-3467                    |
| Total Surface Area | 1100-1150 m <sup>2</sup> /g | N <sub>2</sub> BET Method |
| Iodine Number      | 1050-1100mg/g               | D-4607                    |
| Apparent Density   | 0.48-0.50 g/cc              | D-2854                    |
| Hardness, min      | 98%                         | D-3802                    |
| Ash, max           | 8%                          | D-2866                    |
| Moisture, max      | 3%                          | D-2867                    |



### TYPICAL APPLICATIONS

- Odour control
- VOC control
- Industrial air filtration
- Solvent recovery
- Catalyst support
- Cooking odour removal
- Smoking rooms
- HVAC systems

### ADVANTAGES

- Optimised micropore structure
- High adsorption capacity
- Large internal surface area
- Excellent hardness
- Very low dust
- High density

### AVAILABLE SIZES

- 4x8 (4.75-2.36mm) min 90%
- 3x6 (6.30-3.35mm) min 90%

### STANDARD PACKAGING

- 12.5kg polypropylene bags
- 500kg supersacks

