



Färber & Schmid  
Chemie · Technik

# PEL-Carbon

## Dust-free, pellet activated carbon

PEL-Carbon is a pelletized, high-quality powdered activated carbon of plant origin. Working with pellets is virtually dust-free, which greatly simplifies handling. When PEL-Carbon is mixed into wastewater, it immediately disintegrates into powdered activated carbon. This achieves an optimized particle size with an enormous surface area, enabling rapid purification of the medium. PEL-Carbon settles quickly and can be easily filtered out. Due to its very high adsorption capacity, this product can be used in a wide range of applications. This type of activated carbon delivers outstanding results, particularly in electroplating and surface engineering.

Technical properties	
bulk density (g/cm <sup>3</sup> ) at 20 °C	0,35 - 0,45
Operating temperature (°C)	20 - 70
Water solubility	Insoluble (but suspendable)
Operation concentration kg/m <sup>3</sup>	0,5 - 5
Specific surface (BET)	~ 1300 m <sup>2</sup> /g

Applications			
Electroplating Companies	++	Painting Factories	++
Printed Circuit Boards	++	Anodizing Companies	++
Sewage Plants	++	Splitting Plants	++
Waste Disposal	++	Chemical Industry	++

++ highly recommended	+ recommend	o possible but not recommended	- not recommended
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General Information
The product is supplied ready to use.
The stirring time is 10 - 30 minutes.
The application range is pH 3.0 - 13.0.
The product also removes colloidal turbidity.
Depending on the dosing amount, COD/AOX/KW reductions are possible to varying degrees.
Not a hazardous material.
Protect from moisture. Use up opened containers as quickly as possible.