



BEHDIS  
CHEMIE  
COATING

## PHENOLIC HARDENER BASED ON BISPHENOL-A BCC 205

### PRODUCT DESCRIPTION

BCC 205 is a Phenolic Hardener based on Bisphenol-A. BCC 205 is a type of curing agent that provides special properties such as fast curing, good mechanical properties, chemical resistance and high adhesion strength on prepared steel substrates required functional powder coatings application.

### PHYSICAL PROPERTIES

<b>Appearance</b>	Yellowish granules
<b>Viscosity<sup>1</sup></b>	250 – 280 (mPa.s) @25°C
<b>Density</b>	1.1 (gr/cm <sup>3</sup> )
<b>Ph-OH EW</b>	240-260 g/eq
<b>Gel time<sup>2</sup></b>	40-50 Sec
<sup>1</sup>	40% in butyl carbitol, Falling-ball, ISO 12058-1
<sup>2</sup>	25 PHR on solid epoxy resin (EEW=900-1000), @ 205°C according to ISO 8130-6

### Recommended Ratio

Solid Epoxy Resin (EEW=500-600 g/eq)	42 PHR
Solid Epoxy Resin (EEW=900-1000 g/eq)	25 PHR
solid epoxy resin (EEW=1800-2000 g/eq)	12 PHR

### Storage

BCC 210 should be stored in a cool and dry place, at temperatures not exceeding 18 °C.  
Transportation conditions must remain below 25 °C Temperature

### SAFETY

Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult BCC material safety data sheets and follow all local and national safety regulations. Harmful or fatal if swallowed; immediately seek medical assistance.

Dust masks or respirators should be used in order to ensure that operatives do not breath in dust generated by resin, hardener or formulated powder coatings.

### BCC Co.

Product data sheet BCC 205 Version 01  
August 2023

+989201254045  
+982188692162

info@behdischemie.com  
www.behdischemie.com

Unit 2, Floor 2, No. 32, west 28th St Allameh-ye Tabatabayi S St  
Saadat Abad, Tehran, Iran Post code: 1997957413