

47501 Manganese Black

Chemical Name: Manganese ferrite black spinel
Color Index: Pigment Black 33, Color Index 77537
CAS No.: 68186-94-7
REACH No.: 01-2119457599-19-0000

Technical Data

Appearance: fine black powder, odorless

Chemical Composition:

Compound	Content
Fe ₂ O ₃	> 77.2 %
MnO	< 22 %

Physical Data:

Loss on heating (0.5h, 1000°C)	0.6 %
Density	4.6 g/cm ³ (20°C)
Moisture	0.5 %
Predominant particle size	0.6 µm (electron microscope)
Particle form	spherical (electron microscope)
Oil absorption	1.1 – 1.5 g/100 ml