

ENVIROCOAT POWDERS PVT. LTD.

HO : Plot No. 288, Sector 7, MIDC, Bhosari, Pune - 411026

WORKS : C-99, STICE, Musalgaon, Sinner, Nashik - 422112

CIN No. : U74994PN2018PTC175918

🌐 : www.envirocoats.net 📧 : sales@envirocoats.net ☎ : +91 9970174035



Technical Data Sheet

Heat Resistant Powder Coating

Product description

A high performance , thermosetting powder coating formulated to withstand high temperatures (up to 600 deg.C. depending on the grade). Designed for application on metal surfaces exposed to elevated heat such as exhaust systems, grills, stoves, and machinery parts.

Key features

Excellent heat resistance up to [200 deg.c /300 deg.C/600 deg.C]

Superior corrosion and chemical resistance.

Smooth or texture finish option

Good UV Stability(if applicable)

Available in metallic, matt, gloss or satin finishes.

Typical Application

Automotive exhausts and engine parts

BBQ grills and stoves

Industrial oven and chimneys

Heating equipment

Powder Properties

Sr. No.	Properties	Specification
01	Shade	As Per Std.
02	Appearance	Free flowing Powder
03	Specific Gravity ASTM-D-153	1.50 to 1.80
04	Storage	Dry cool condition (below30 deg.C.)
05	Shelf life	6 months (<30°C)
6	Substrate	0.8 mm CRCA Phosphated
7	Method of Application	Electrostatic Spray 60 – 90 KV
8	Baking Schedule EMT	200 Deg Cent. / 15 min metal temp.
9	Impact Test Kgcm ASTM 2794-69 Direct/ Indirect	60 minimum
10	DFT	60-120 Micron
11	Flexibility @ 6.25 mm ASTM-D-522	No cracks on film

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12	Adhesion Test ASTM-D-3359	GT - 0
13	Heat resistance	Up to [200-600 Deg.c.]

Restriction of Hazardous Substances (RoHS/RoHS2)

This product range conforms to the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations (RoHS and RoHS2) Directive. It does not contain any compounds of lead, mercury, cadmium or hexavalent chromium; nor does it contain polybrominated biphenyls (PBBs) or polybrominated diphenyl ether (PBDE).

Health & Safety

This product is intended for use only by professional applicators in industrial environments. Consult the relevant health and safety data sheet.

Heat resistant powder coatings offer excellent functionality for a vast array of applications. No special equipment is required for this powder to provide such a high mechanical performance. This powder comes in an array of colors and finishes, as well as gloss ranges from 5 to 90.

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