

Cosmic Epoxy EH81

Epoxy; Epoxide

Cosmic Plastics, Inc.

Message:

DESCRIPTION

Cosmic EH81 is an iron filled epoxy molding compound which is supplied in a granular form.

FEATURES

This material flows easily under low pressure and provides good moldability.

APPLICATIONS

The material is good for EMI / RFI shielding, and can be either compression or transfer molded to fabricate core rods and to encapsulate surface mount and axial leaded inductors. This single molded compound eliminates the labor intensive over-under molding.

General Information	
Filler / Reinforcement	Iron
Features	Electromagnetic shielding (EMI) Good formability Good liquidity Radio frequency shielding (RFI)
Appearance	Black
Forms	Particles
Processing Method	Enclosure Resin transfer molding Compression molding

Physical	Nominal Value	Unit
Specific Gravity	3.59	g/cm ³
Bulk Factor	2.5	
Spiral Flow	30.0 - 45.0	

Thermoset	Nominal Value	Unit
Shelf Life (5°C)	17	wk
Post Cure Time (160°C)	2.0 - 4.0	hr

Additional Information

Inductance Ls (μH) : 0.43 - 0.50Quality Factor : 7.3 - 9.5

Injection	Nominal Value	Unit
Processing (Melt) Temp	130 - 180	°C
Injection Pressure	0.345 - 5.52	MPa

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

