

Razeen® SR 5274

Solid flow agent master batch Epoxy Resin



General Razeen® SR 5274 is a solid flow agent master batch for use in epoxy based powder coatings.

Applications Razeen® SR 5274 is designed to be incorporated in powder coatings whose flow properties are required to meet high demands. The optimal amount of Razeen® SR 5274 needed may be up to 10% on the binder.

Properties Razeen® SR 5274 is based on 90% Razeen® SR 5004 and 10% polyacrylic acid butyl ester. As a masterbatch it facilitates the incorporation of a liquid flow agent in powder coatings during manufacture.

Specific Key Data	Property	Value	Test method
	Appearance	Yellowish, opaque, no contamination	JCTM 002
	Color, Gardner*	2 max	ASTM D-1544
	Epoxy value	1.15 - 1.35 eq/Kg	ASTM D-1652
	Weight per epoxide	740 - 870 g/eq	ASTM D-1652
	Viscosity @ 25 °C (77 °F)*	350 - 550 mPa.s	ISO 12058-1

*40% in butyl carbitol

Specific key data are individually checked throughout, guaranteed and included in certificate of Analysis.

Typical Key Data	Property	Value	Test method
	Softening point (Mettler)	85 - 95 °C	ASTM D-3461
	Density at 25 °C	1.18 g/cm ³	ISO 8130
	Flash Point	> 200 °C	ISO 2592

Typical key data are spot-checked; the values are typical for the product and are indicated for information only. The values are not guaranteed or included in the COA.

As-supplied form	Flakes (5 mm mesh)
Odor	None
Shelf life (at storage temperature between 2-40 °C) (See expiry date on original container)	4 years
Hazardous decomposition products (When disposed of in fire)	Carbon monoxide, Carbon dioxide and other toxic gases and vapors
Disposal	Regular procedures approved by local authorities.

Package & Storage Razeen® SR 5274 is supplied in 25 Kg. bags. This product has a minimum shelf life of 4 years when stored in a dry place at room temperature. If stored under warmer conditions, sintering may occur.

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

Mandatory and recommended industrial hygiene procedures should be followed whenever our products are being handled and processed. For additional information please consult the corresponding product safety data sheets.

Note Razeen® is a registered trademark of JANA or an affiliate thereof.

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