

Raschig Group PiMC 1841 Metallic colors

Category : Other Engineering Material , Ceramic/Metallic Coating

Material Notes:

Adding metallic effect pigments to powder coatings gave rise to several application problems such as "spitting". Synres-Almoco's Metallic PiMC 1841 ensures easy processing and homogeneous surface quality. The PiMC 1841-series consists of some very appealing Aluminum, Bronze, Gold, Black and White metallic effect colors. Applications for metallic colors can be found in: Sanitary products, Household appliances and Electrical- and automotive parts. Information provided by Raschig Group

Order this product through the following link:

http://www.lookpolymers.com/polymer_Raschig-Group-PiMC-1841-Metallic-colors.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.30 - 1.50 g/cc	1.30 - 1.50 g/cc	
Bulk Density	0.600 - 0.700 g/cc	0.0217 - 0.0253 lb/in ³	
Particle Size	10.0 - 25.0 µm	10.0 - 25.0 µm	D 0.1, SATP-114, Malvern method
	50.0 - 75.0 µm	50.0 - 75.0 µm	D 0.5, SATP-114, Malvern method
	100 - 175 µm	100 - 175 µm	D 0.9, SATP-114, Malvern method
Storage Temperature	<= 20.0 °C	<= 68.0 °F	

Mechanical Properties	Metric	English	Comments
Abrasion	<= 0.500	<= 0.500	[g] S42 paper, 500 turns; DIN 53799
	@Load 0.500 kg	@Load 1.10 lb	

Optical Properties	Metric	English	Comments
Gloss	50.0 %	50.0 %	20°
	75.0 %	75.0 %	60°
	90.0 %	90.0 %	85°

Processing Properties	Metric	English	Comments
Shelf Life	6.00 Month	6.00 Month	

Descriptive Properties	Value	Comments
Brabender cycle time	75-115 s	150°C, SATP-104
Powder stability	>8 hrs	30°C, SATP-128

Scratch resistance Descriptive Properties	~2 N Value	QIN 53799 Comments
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