

## Raschig Group PiMC 1253 Highly flame retardant

Category : Other Engineering Material , Ceramic/Metallic Coating

### Material Notes:

This FR PiMC grade has been developed for top coats over M1 SMC/BMC grades. Such combinations will meet Europe's most stringent FR tests for interiors of rolling stock, such as BS 476 and Spanish Epiradiateur M1. This PiMC 1253 still exhibits the typical coating characteristics of PiMC as can be seen from the data below. PiMC 1253 has the following benefits: Non-halogenated, Easy to spray and Standard PiMC cure cycle. Typical applications for PiMC 1253 can be found in interiors of trains and metros e.g.: Seats, Columns and Panels. Information provided by Raschig Group

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Raschig-Group-PiMC-1253-Highly-flame-retardant.php](http://www.lookpolymers.com/polymer_Raschig-Group-PiMC-1253-Highly-flame-retardant.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 <sup>3</sup>	
Particle Size	50.0 - 75.0 µm	50.0 - 75.0 µm	D 0.5, SATP-114, Malvern method
Storage Temperature	<= 20.0 °C	<= 68.0 °F	

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

Optical Properties	Metric	English	Comments
Gloss	40.0 %	40.0 %	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	>2 N	DIN 53799

## **Contact Songhan Plastic Technology Co.,Ltd.**

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