

## Sterigenics Raprex<sup>®</sup> R-400A Thermoplastic Powder

Category : Polymer , Thermoplastic , Polyethylene (PE) , LLDPE

### Material Notes:

**Applications:** Extrusion Coatings A thermoplastic powder based on polyethylene was developed by Sterigenics Advanced Applications for extrusion coating on metal and other surfaces. RAPREX<sup>®</sup>,ç 400 is a modified linear low-density polyethylene powder that can be applied to metal surface employing extrusion coating techniques, giving excellent adhesion and appearance. Preliminary investigations reveal that RAPREX<sup>®</sup>,ç 400 can also be applied to diverse substrates such as wood and other plastics. Presently there are two sub-grades of R-400 powders for different MFI ranges. Information provided by Sterigenics

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Sterigenics-Raprex-R-400A-Thermoplastic-Powder.php](http://www.lookpolymers.com/polymer_Sterigenics-Raprex-R-400A-Thermoplastic-Powder.php)

Physical Properties	Metric	English	Comments
Particle Size	500 Åµm	500 Åµm	
Melt Index of Compound	99 g/10 min @Load 2.16 kg, Temperature 190 Å°C	99 g/10 min @Load 4.76 lb, Temperature 374 Å°F	

Descriptive Properties	Value	Comments
Adhesion to Copper	Good	
Adhesion to Steel	Good	
Adhesion to Wood	Good	
Color	Blue	

## Contact Songhan Plastic Technology Co.,Ltd.

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