



STAPA[®] PP Reflexal

Product Information
ECKART GmbH, October 2019

STAPA® PP Reflexal

Chrome-Like Appearance / Alternative to Electroplating

STAPA® PP Reflexal are novel metallic pigment preparations based upon silver dollar “automotive grades” with outstanding brilliance and good hiding power.

STAPA® PP Reflexal grades are designed for:

- Automotive plastics parts (e.g. interior trim)
- Electrical housing (e.g. tablets & computers)
- Household appliances
- Cosmetic packaging



STAPA® PP Reflexal

Chrome-Like Appearance / Alternative to Electroplating

STAPA® PP Reflexal offer the following benefits:

- Bright “automotive quality” pigments
- Tailored for structureless optical appearance (STAPA® PP Reflexal 1032/80)
- Outstanding brightness & reflectivity
- Impressive silver gloss
- Designed for brilliant metallic look (“chrome effect”)
- Especially suited for engineering plastics
- Eliminate painting parts by replacing with molded-in-color parts
- Alternative to electroplating



STAPA® PP Reflexal

Safe Handling of Metallic Technology

STAPA® PP Reflexal offers the general advantages:

- De-dusted, compact product form → similar to MASTERSAFE MP C-version)
- Dust-free processing
- Easy handling & dosing
- Automatic metering possible
- Pigment preparation
- Safe handling of metallic effect pigments
- Easy to disperse in various polymer systems
- **Suitable for food contact applications**



De-dusted powder grades - based upon medical white oil (WM) - are also available

- STAPA® WM Reflexal grades available

STAPA® PP Reflexal

Target Customers / Market Sector

STAPA® PP Reflexal can be used in

- Extrusion
- Injection molding
- Blow molding
- Blown film
- Cast film

STAPA® PP Reflexal is suitable for all kind of plastics like

- LDPE, HDPE, PP, PS and MABS
- Engineering resins like nylon, PC, PET, etc.

STAPA® PP Reflexal

Product Safety

Compliance regulations

- Compliant for use in food contact according to FDA standards
- STAPA® PP Reflexal meets European standard for food packaging materials
- In accordance with Resolution AP(89)1 on the use of colourants in plastic materials coming into contact with food (EU)
- RoHS Directive 2002/95/EC and EU Directive 2011/65/EU
- Meets packaging waste regulations CONEG (US) and EU regulation 94/62/EC
- STAPA® PP Reflexal can be used in compliance with German IXth BfR recommendation
- All raw materials used for manufacturing the a.m. products are listed in EINECS, TSCA, AICS, MITI, IECSC, CDSL, ECL and PICCS

STAPA® PP Reflexal

Technical Information

Product name	Article no.	Particle Size D50 in µm	Pigment content
STAPA® PP Reflexal 1032/80	0464708J0	10	80 %
STAPA® PP Reflexal 1531/80	0247818J0	15	80 %
STAPA® PP Reflexal 2031/80	0247688J0	20	80 %
STAPA® PP Reflexal 2532/85	0247758J0	25	85 %
STAPA® PP Reflexal 3432/85	0464718J0	34	85 %

STAPA® PP Reflexal is based upon polyolefin carrier with a pigment level of 80 - 85%.

STAPA® PP Reflexal

Technical Information

Supply form: De-dusted, compact product form
80 - 85 % pigment content; 15 - 20 % polyolefin carrier

Carrier: Polyolefin

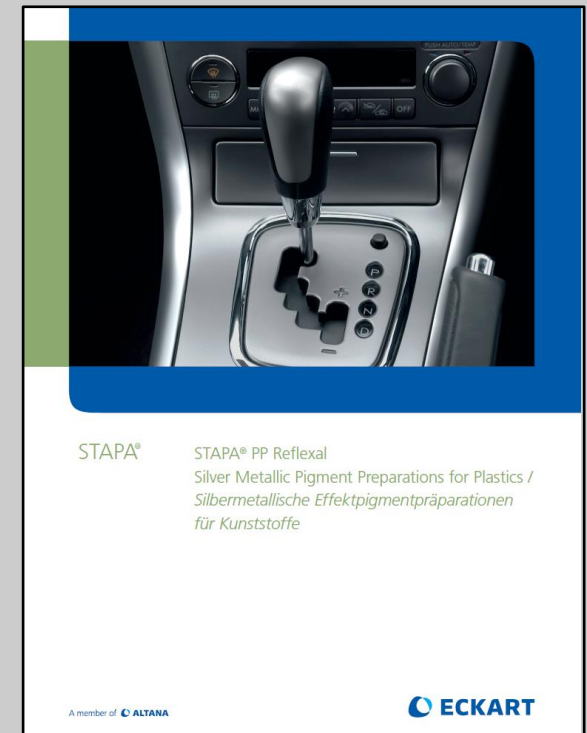
Shelf life: 24 months

Packaging Information:

- Standard packaging **8J0** (25 kg drum)
- Layer 225 kg, Full Pallet 450 kg

Samples:

- EMEA: 500 g (ZZ4)
- NAFTA / ASIA 0.5 lb (ZZH)



Flyer "STAPA® PP Reflexal - Silver Metallic
Pigment Preparations for Plastics"
SAP 024978XX0

Thank you for
your attention.

STAPA® WM Reflexal - Medical White Oil Carrier

Technical Information

Product name	Article no.	Particle Size D50 in µm	Pigment content
STAPA® WM Reflexal 1032/80	0457508J0	10	80 %
STAPA® WM Reflexal 1531/80	0247648J0	15	80 %
STAPA® WM Reflexal 2031/80	0456148J0	20	80 %
STAPA® WM Reflexal 2532/85	0247658J0	25	85 %
STAPA® WM Reflexal 3432/85	0247628J0	34	85 %

STAPA® WM Reflexal is based upon medical white oil with a pigment level of 80 - 85%.

STAPA® WM Reflexal - Medical White Oil Carrier

Technical Information

Supply form:	De-dusted powder (paste) 80 - 85 % pigment content; 15 - 20 % polyolefin carrier
Carrier:	Medical White Oil
Shelf life:	12 months

Packaging Information:

- Standard packaging **8J0** (25 kg drum)
- Layer 225 kg, Full Pallet 450 kg

Samples:

- EMEA: 500 g (ZZ4)
- NAFTA / ASIA 0.5 lb (ZZH)

STAPA® WM Reflexal - Medical White Oil Carrier

Product Safety

Compliance regulations

- Compliant for use in food contact according to FDA standards
- STAPA® WM Reflexal meets European standard for food packaging materials
- In accordance with Resolution AP(89)1 on the use of colourants in plastic materials coming into contact with food (EU)
- RoHS Directive 2002/95/EC and EU Directive 2011/65/EU
- Meets packaging waste regulations CONEG (US) and EU regulation 94/62/EC
- STAPA® WM Reflexal can be used in compliance with German IXth BfR recommendation
- All raw materials used for manufacturing the a.m. products are listed in EINECS, TSCA, AICS, MITI, IECSC, NZIoC, CDSL, ECL and PICCS