

PRODUCT INFORMATION

TRAPYLEN® 112 S

Product no. 050040880



Chemical composition Modified chlorinated polypropylene

Appearance Yellowish orange granules

Chlorine content of polymer	[%]	20,5
Viscosity (dyn.) 20 % in xylene	[mPas]	200
Softening point of polymer	[°C]	63
CAS-number of polymer		68609-36-9

Properties and use TRAPYLEN® 112 S is a chemically modified low chlorinated polypropylene with outstanding affinity to polyolefinic plastics such as PP, PP/EPDM-blends and, with limitations to adhesion strength, to PE. Compared to other modified chlorinated types it has a higher molecular weight and a narrow molecular weight distribution. TRAPYLEN® 112 S is used either as a straight primer or as an adhesion promoter for base coats and pigmented primers. Its principal use is in paintings/coatings for moulded parts and sealing profiles in the automotive industry, such as bumpers, side panels and door seals. TRAPYLEN® can also be used in adhesives and flocking agents for door seals. Furthermore it is used in industrial applications where PP based plastics are chemically pretreated.

Solubility and dissolving process Soluble in: aromatics; butyl acetate and ketones after warming up but only as co-solvents to aromatics. Insoluble in: aliphatics and alcohols.
Dissolving process: Place 1 part of TRAPYLEN® 112 S and 2 parts of solvent into a dissolver and stir the resin to dissolve it by friction. The temperature of the system should be raised to 60 °C and held there for at least 3 hours. After finishing the dissolving process adjust the solids content to e.g. 20 % and filter the solution.

Application Using TRAPYLEN® 112 S as a primer dissolve the resin in xylene to 5 % solids. This primer can be applied by spraying, dipping, brushing or printing.
Drying conditions: 30 s at 80 °C, residual quantity of resin about 3...4 g/m².
When using TRAPYLEN® 112 S as adhesion promoter in base coats/pigmented primers, the compatibility of the system must be checked. The resulting base coat can be applied by spraying, dipping, brushing or printing if the system allows it.
Drying conditions: Usually 30 min at 80 °C, residual quantity about 15 g/m².

Packing Carton boxes with PE-inliner of 15 kg.

Notes Keep away from moisture and direct sunlight.
Also available in dissolved versions.

Storage stability At least 12 months in closed packing at 15 °C

TRAMACO GmbH
Lise-Meitner-Allee 8
25436 Tornesch

Date of issue: 28.11.2018

TRAPYLEN® is a registered trademark.

Our product information bases on tests to be reliable, however the recommendations are presented without guarantee.

The data mentioned above are approximate figures, a product specification is available on request.

TRAMACO GmbH · Lise-Meitner-Allee 8 · 25436 TORNESCH / GERMANY

Phone: +49 4101 706-02 · Fax: +49 4101 706-200 · Internet: www.tramaco.de · E-mail: info@tramaco.de