

Colourless accelerated spray gel coats

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1.0 Subject of technical specification

The subject of technical specification is unsaturated polyester resin containing thixotropic silica, cobalt accelerator and other additives.

The trade names of products relate to technical specification:

- Polimal[®] 140 P sp
- Polimal[®] GE 122-1 P sp
- Polimal[®] GE 122-1 Eco P sp
- Polimal[®] GE 124 P sp
- Polimal[®] GE 125 NPG P sp
- Polimal[®] GE 125 NPG Eco P sp
- Polimal[®] GE 126 P sp
- Polimal[®] GE 126 Eco P sp

2.0 Application

Colourless accelerated spray gel coats are designed for formation the transparent coating on the surface of unsaturated polyester resin products with spray method.

3.0 Technical parameters

Colourless accelerated spray gel coats have the form of pinkish liquid mass with thixotropic properties. The outflow of minimum styrene, resin or other components is acceptable, therefore it is necessary to stir the content of package accurately before usage.

Physical and chemical parameters:

- | | |
|------------------------------|---------------|
| a) viscosity at 25°C, mPas | 18000 - 40000 |
| b) gel time at 25°C, minutes | 8 – 16 |

4.0 Test methods

4.1 Viscosity determination – perform acc. to PA/TZ/1, using rotor no 27, revolutions 1 per minute, readout after 5 minutes.

4.2 Gel time determination – perform acc. to PA/TRP/2, point 3.4.2, using:

hardening system - System C:

25 g of gel coat + 0,5 g of Luperox[®] K-1

5.0 Packaging

Colourless accelerated spray gel coats should be packed into:

- lightweight metal packages of capacity 5; 15; or 20 l,
- drums of capacity. 50 l or 200 l laquired inside or with polyethylene or polypropylene valve sucks.

6.0 Storage

Colourless accelerated spray gel coats should be stored in original, closed packages; in dry, air and shaded, adapted to storage inflammable materials storage rooms at the temperature not exciding 25°C. Under above mentioned conditions the shelf life is 3 months from production date.

7.0 Transport

Colourless accelerated spray gel coats is dangerous materials in transport:

UN 1866 RESIN SOLUTION, flammable, 3, III.

They should be transported by covered means of transport in containers according to section 5.0, in compliance with the transport regulations on transport of dangerous materials.

During transport the storage conditions according to section 6.0 should be observed.

