

Technical Data Sheet

Prefere 70 0565L

Melamine-impregnation-resin

Description

Prefere 70 0565L is an aqueous solution of a with renewable substances modified melamine-formaldehyde-condensation product. It is used for the impregnation of decorative papers for the low pressure lamination on particle boards or similar.

Prefere 70 0565L is especially suitable for the impregnation of corunded overlays and the manufacture of liquid overlay as this resin yields very good transparency.

Properties

	Parameter
appearance	clear, nocolor
solid content ¹⁾	59.0 – 64.0 %
density (20°C)	1,25-1,28 g/ml
viscosity (20°C, Ford Cup 4mm)	19 – 28 sec.
pH (20°C)	9.0 – 10.0
watertolerance (20°C)	1:0.9 – 1:1.4

¹⁾ 1 g of resin in a dish according to DIN 12605 (diameter 35 mm), dried for 3 h at 105°C.

Form of delivery

Liquid in tank trucks.

Storage stability

The shelf life of Prefere 70 0565L at 20°C is about 2-3 weeks. It should be taken care that the resin is stored between +23°C and +25°C. Lower and higher temperatures will reduce the shelf life. It is recommended to check the stocks regularly.

Safety recommendations

Please read the respective safety data sheet for specific and detailed information.

Application

Prefere 70 0565L has a special suitability for the impregnation of decorative papers for direct low pressure lamination (LPL) of wood products in accordance with DIN 68765.

Prefere 70 0565L enables production of very transparent films, which is especially desirable in the manufacture of laminate floors based on dark decors.

Storage of the impregnated paper

Papers, impregnated with Prefere 70 0565L have a good shelf life. However, to maintain the volatile content it is recommended to store the impregnated papers in climate controlled rooms or wrap them air tight. Temperatures above 25°C will reduce shelf life.

Common indications

Upon request our technical staff is at your disposal. All technical recommendations have to be adjusted to industrial working conditions in each mill. Above given recommendations are based on conscientious experiments and should advise in the best way. Concerning the great variety of different forms of application and of working conditions in various mills we only can guarantee for proper quality of our products but not for application of them.