TECHNICAL DATASHEET

ESCON® POLAR WHITE BRUSH GELCOAT

Product Code: C430094

PRODUCT DESCRIPTION

ESCON® Polar White Brush Gelcoat is an ISO-NPG based white brushing grade Gelcoat for the composites industry.

PERFORMANCE CHARACTERISTICS

- Excellent UV resistance and weatherability
- Excellent water resistance
- High gloss surface finish, after buffing
- High durability

RECOMENDED CATALYST

2.0% Butanox M50 MEKP

TYPICAL LIQUID RESIN PROPERTIES

PROPERTY	TYPICAL VALUE	TEST DETAILS
Viscosity	20000 - 30000 cP	Brookfield (RVF spindle #4 @ 4 rpm)
Viscosity (C+P)	800 – 850 cP	Cone & Plate
Gel Time	8 - 12 minutes (winter)	2% MEKP Butanox M50
Shelf Life	4 months	In closed container, cool storage conditions and out of direct sunlight

* Typical values: Based on materials tested in our laboratories, but varies from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

APPLICATION GUIDELINES

ESCON® Polar White Brush Gelcoat is ready to use with the appropriate MEKP catalyst. The suggested range is 1.5% to 2.5% with 2% at 25°C being ideal. It is recommended that the gel time and lay-up time be checked in the customer's plant as there will be some change depending on the conditions under which it is used. Please refer to the MSDS for handling instructions.

STORAGE AND HANDLING

To ensure maximum stability and maintain optimum resin handling properties, Unsaturated Polyester resins & Gelcoats should be stored in closed containers, away from heat sources and sunlight. The resin should be stored away from all sources of ignition. Stored resin quantities should be kept to a reasonable minimum and used on a first in/first out stock rotation basis. Prolonged storage, or unfavourable storing conditions, may cause separation, therefore agitation of the resin before use is recommended.

STANDARD PACKAGING

Mild steel drums (225kg)

Always refer to the MSDS before use.