

9040 PX A INCOLORE

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Epoxy compatible polyester gelcoat

DESCRIPTION

9040 PX A INCOLORE is a clear isophthalic neopentyl glycol polyester gelcoat. It is compatible with Resoltech's epoxy resins. The 9040 PX INCOLORE is neutral color gelcoat meant to be pigmented with standard polyester pigments pastes. Its slightly cloudy colour does not make it suitable for carbon look

KEY POINTS

- Vertical and overhanging applications
- Brush applications (please contact us for gun applications)
- Resistant to outdoor conditions and to hydrolysis

APPLICATION

- composite tooling
- composite parts.

HEALTH & SAFETY

Skin contact must be avoided by wearing protective nitrile gloves & overalls or other protective clothing.

Eye protection should be worn to avoid risk of resin, hardener, solvent or dust entering the eyes. If this occurs flush the eye with water for 15 minutes, holding the eyelid open, and seek medical attention.

Ensure adequate ventilation in work areas. Respiratory protection should be worn with ABEKP coded filters.

Resoltech issues full Material Safety Data Sheet for all hazardous products. Please ensure that you have the correct MSDS to hand for the materials you are using before commencing work.

TECHNICAL DATA

Reference	9040 PX A INCOLORE
catalyst ratio (MEKP)	2%
Density	1.07-1.1
Viscosity* [mPa.s]	1200-2500
Thixotropic index	4-7
Solid content	94.04%
Geltime at 20°C	12-15min
Flexural strength**	90-100 MPa
Flexural modulus**	3000-3500 MPa
Tensile strength**	60-65 MPa
Tensile elongation at break**	4%
T _g (HDT)**	70-80°C
Barcol hardness	>40
Taber scratch resistance (10N)	<0.1mm
Taber abrasion resistance***	<1g
Resistance to hydrolysis****	no degradation
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UV testing (xenon arc), 300h	no degradation

* brookfield RV4, 60 RPM 25°C

** after 10h at 50°C

*** CS-33, 500g/1000 cycles

**** 100% humidity, 100°C, 10 cycles

***** in water, 48h at 80°C

TRANSPORT & STORAGE

Keep containers sealed and away from heat and cold preferably between 10°C and 30°C in a well ventilated area. Our products are guaranteed in their original packaging (check expiry date on the label).

! The data provided in this document is the result of tests and is believed to be accurate. We do not accept any responsibility over the mishandling of these products and our liability is limited strictly to the value of the products we manufacture and supply.