

TECHNICAL DATA SHEET:

Version:01

LC TSA 7010 XB50

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Thermosetting Acrylic Resin

LC TSA 7010XB50

Delivery Form :
50.0% in Xylene/ Butanol

Packing :
200kg net MS barrel

Applications:

Automotive:
 Metallic base coat
 Clear and pigmented top
 Coats General industry:
 Stoving enamels

Principal properties

Weathering
 resistance
 Compatibility (with
 cab) Scratch
 resistance

Dilutability

Xylene	complete
n-Butyl acetate	complete
n-Butanol	complete
1-Methoxy 2-propyl acetate	complete
2-Butoxy ethyl acetate	complete
Methyl ethyl ketone	complete
Solvesso 100 ¹⁾	complete
Solvesso 150 ¹⁾	limited

Recommendations for formulation and use

In metallic base coats, it is recommended to use the following ratios to obtain optimum film properties : hydroxy acrylic / CAB / melamine 60/30/10-50/50/10. In a clear coat, it is suggested to use a ratio hydroxy acrylic/melamine 80/20 to 75/25.

LC TSA 7010XB50 has excellent weathering resistance and yellowing resistance even without the addition of a UV light stabiliser. For longer duration weathering resistance, it is recommended to add 1% of a UV light stabilizer on solid resin.

Product Specifications

Property	Range	Unit
Viscosity, 25°C	7.0 - 11.0	Poise
Color, APHA	50	-
Solids content	48 - 52	%
Appearance	clear	-
Acid value, on solid	10 Max	mg KOH/g

Other product data

Property	Value	Unit
Density, 25°C	ca. 985	kg/m ³
Flash point	ca. 23	°C

Storage guidelines

The resin should be stored indoors in the original, unopened and undamaged containers in a dry place at storage temperatures between 5°C and 30°C. Exposure to direct sunlight should be avoided.

Shelf life

Under the stipulated storage conditions, the anticipated shelf-life is 365 days from last quality control date.

Material safety

A material safety data sheet of the products is available on request.