

ASTR FH 516 is a low color, low viscosity modified cycloaliphatic amine hardener suitable to cure epoxy resin at ambient temperature. The cured mass gives high gloss with an excellent surface finish suitable for protective and decorative coatings. It is resistant to various chemicals which includes acid, alkali, alcohols and hydrocarbon solvents. Excellent low color of the hardener makes suitable for self-levelling floor and decorative top coats.

ADVANTAGES

- Good weather and chemical resistance
- Excellent gloss
- High mechanical strength

APPLICATIONS

- Paint and Protective coatings formulations
- Clear lamination coatings
- Epoxy top coat application
- Chemical resistant mortar and linings

TECHNICAL DETAILS

PROPERTIES	STANDARD	RESULTS
Appearance	-	Clear liquid
Color, Gardner	ASTM D1544	Max 1
Amine value, mg KOH/g	ASTM D2073	200-300
Viscosity @ 25°C, cPs	ASTM D2196	400-800
Density @ 25°C, g/cc	ASTM D1475	1.00 – 1.04
AHEW, g/eq	-	115
MIX PROPERTIES		
Mixing Ratio with PG-100 (EEW – 180-200)	Parts by Weight	100:60
Pot life at 25°C (100 gm Mass), min	ASTM D 2471	35-55

HAZARDOUS DECOMPOSITION PRODUCTS

Oxides of carbon; aldehydes, acids and other organic substances may be formed during combustion or elevated temperature (>500° F) degradation.

HANDLING PRECAUTIONS

Mandatory and recommended industrial hygiene procedures should be followed whenever our products are being handled and processed. For additional information please consult the corresponding product data sheets and the brochure "Hygienic precautions for handling plastics products".

SHELF LIFE

12 months from date of mfg. for sealed container (Storage Temp 2-40°C)

DISPOSAL

Regular procedures approved by local authorities.

STORAGE

Product should be stored in a dry place in their original, properly closed containers at temperature between 2-40°C. Partially emptied container should be closed immediately. The product should not be stored exposed to direct sunlight.

PACKING

ASTR FH 516 is available in 20 kg, 32 kg & 190 Kg pack size.

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