



newpox[®], is a very well-known epoxy brand series which has been formulated to meet all the requirement for high-quality powder coating.

Application: **newpox-06120**, is a conventional solid Medium Molecular Weight (Standard Viscosity) E12 grade Epoxy Resins based on Bisphenol-A with different molecular weights and viscosities suitable for general-purpose powder coatings, electric panel boards, automobile spares, bathroom fittings, decorative articles and fixtures.

Specification:

Appearance Transparent Solid Granule

Epoxy Equivalent Weight (g/eq) 714-833

Organic Chlorine (Eq/100g) ≤ 0.002

Volatile ≤ 0.1

Color (Gardner) ≤ 1

Soften point °C 89-92

Inorganic Chlorine (Eq/100g) ≤ 0.0005

Epoxy Index(mol/100g) 0.12 – 0.14

Extrusion conditions:

Temperature 110 °C~115 °C

Thickness of film (um) 60~80

Curing conditions 185 °C/15min

Package and shelf life:

25 Kg net in paper bag with plastic bag inner.

Load per container with pallet 17.5MT, without pallet 20MT.

One year in dry and well-ventilated condition bellow 30 °C. It can be stored in well condition warehouse for more than 1 year.

Film Properties:

Thickness (μm) 60±10 Gloss (60)% Min. 95

Adhesion (2mm) 0-1 Bending (mm) Max. 6

Erichsen (mm) Min.7 Impact (kgcm) 50

Hardness (pencil)H 1H

Application:

Degreased and stainless cold-rolled steel (mm) 0.5

spraying tension KV 50

Curing Condition °C/min: 180/15 or 200/10