

## Description

Dispurez 103 is a flexible, toughened polyurethane dispersion that forms films with excellent optical clarity and good chemical and block resistance. Upon application, the water evaporates to yield a tough and flexible transparent film. Films derived from Dispurez 103 exhibit good chemical, stain and hydrolysis resistance, making them a suitable non-hazardous foundation for durable rigid plastics, flexible films and waterproofing applications.

## Typical Properties

Type .....	Aliphatic polycarbonate
Appearance - 20 °C .....	Translucent blue/grey liquid
Dispersion Type .....	Anionic
Viscosity (cP @ 20 °C) .....	100
Density (20°) .....	Typically, 1.040 g.cm-3
Solids Content (%) .....	31
pH .....	8.25
Tensile Strength (MPa) .....	45
Elongation at Break (%) .....	550
MFFT (°C) .....	-9
Tg (°C) .....	-36

## Typical Applications

- Durable coating for interior and exterior automotive plastic substrates
- Flexible and tough roof and waterproofing membranes