# Technical Datasheet

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## 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**

Туре	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**

 $\cdot$  Durable coating for interior and exterior automotive plastic substrates

 $\cdot$  Flexible and tough roof and waterproofing membranes



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