

Description

Dispurez 101 is a high Tg, hard, crystalline waterborne polyurethane dispersion suitable for clear protective top coats and lacquers. Upon application, the water evaporates to yield a tough, glossy transparent film that exhibits excellent water and chemical resistance. The product displays rapid hardness development once dry and is therefore suitable for a wide range of end applications in surface coatings industries, in particular as a hard protective coating for rigid plastic substrates.

Typical Properties

Type	Aliphatic polycarbonate
Appearance - 20°C	Translucent liquid
Dispersion Type	Anionic
Viscosity (cP @ 20°C)	175
Solids Content (%)	31 ± 1
pH	9.5
Particle Size (nm)	55
Pencil Hardness	H
Tensile Strength (MPa)	26
Elongation at Break (%)	120
PersoZ Hardness (s)	300
MFFT (°C)	< -10
Tg (°C)	58

Typical Applications

- Tough coatings for rigid plastics including uPVC/ABS/HIPS