Diexter-G Polyesters

Diexter-G 4555-320

CAS No.: 36609-31-1
ON THE TSCA INVENTORY: Yes

Diexter-G 4555-320 is a hydroxyl terminated saturated linear polyester which is a poly(butylene/neopentyl adipate) glycol with 55/45 molar ratio of 1,4-butanediol/neopentyl glycol.

Typical Properties

- Appearance @ 25°C: clear liquid
- Hydroxyl Number: 310.0 - 330.0
- Acid Number: 1.00 max.
- Color, APHA: 150 max.
- Moisture, %: 0.050 max.
- Viscosity @ 25°C, cps: 600 typical

Typical Handling and Storage

Product is hygroscopic. To preclude moisture pickup, do not expose to the atmosphere. This polyester can be stored at 70°C under nitrogen blanket with slow agitation for two months or can be stored at 25°C under nitrogen blanket for more than 6 years. In order to maintain liquid, this polyester should be stored above 25°C. This product is not damaged by freezing. However, it may freeze or separate due to cold. Warm to 60°C to thaw and mix until uniform.

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