



An ISO 9001 & 14001 Certified Company

Technical Data Sheet

INDOFIL G-220

A poly-acrylate based thickener for water based coatings

PHYSICAL PARAMETERS:

Appearance	: Clear to slight hazy liquid
Solid Content (150° C/ 60 min)	: 13.5-15.5
pH (3% wt/wt aqueous solution)	: 8.5-10.0
Viscosity (For 5 % solid solution)	: 100-175 cps
Film test (of 5% neutralized solution using 250 micron film)	: Clear

PROPERTIES:

- Improves the flow and leveling of the paint
- Produces thickened lattices free from phase separation or “creaming”
- Maintains a constant viscosity in a fluid system for a long time
- Recommended as a thickener for coating emulsions to impart high viscosity with minimum water sensitivity in the finished film

- **Indofil G-220** is of special interest in coatings and adhesives because of the following Properties
 - Superior thickening action
 - Excellent Rheology modification of the Paint
 - Insensitivity to salts like Na⁺, Ca⁺⁺, Mg⁺⁺
 - Minimum water sensitive in the dry film
 - Gives higher viscosity at low concentration

RECOMMENDED USES:

Water based paints & Coatings

In making dipped, cast and molded goods cements for combining rug backing, pile fabrics and adhesives

In spraying, spreading, brushing and extruding compounds

STORAGE:

Indofil G 220 is non-flammable, non-combustible. It should be stored under shade. It should not be exposed to direct sunlight.

SHELF LIFE:

12 months from the date of manufacturing

DISCLAIMER:

The suggestion and data in this bulletin are based on information we believe to be reliable. It is offered in good faith, but WITHOUT GUARANTEE, as the conditions and methods of the use of our products are beyond our control. We ALWAYS recommend that the prospective user should determine the suitability of our products and suggestions on an experimental basis first, Before ADAPTING on a commercial scale. Update: Jan 2022 (Indofil/SPCD/Coating/Jan 2022/Rev.01)

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Registered Office:

Kalpataru Square, 4th Floor, Kondivita Road, Off Andheri Kurla Road, Andheri (E), Mumbai-400 059. India