

AROVANCE

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Adhesives & Sealants Series

AROVANCE 36

AROVANCE 36 is an easy dispersing specialty carbon black positioned as the workhorse of the AROVANCE Adhesives & Sealants series. Its combination of high structure (DBP 110 to 122 cc/100g) and moderate surface area (87 to 101 m²/g) wets out rapidly, cuts mixing time and energy, and delivers efficient rheology contribution per kilogram of loading.

The grade provides dependable, consistent blackness (tint 99 to 111%) for sealants and adhesives where solid colour and processing economy matter more than maximum jetness. AROVANCE 36 fits general purpose construction sealants, bonding compounds and cost-optimised pigmented systems across polyurethane, silicone, acrylic and hybrid chemistries.

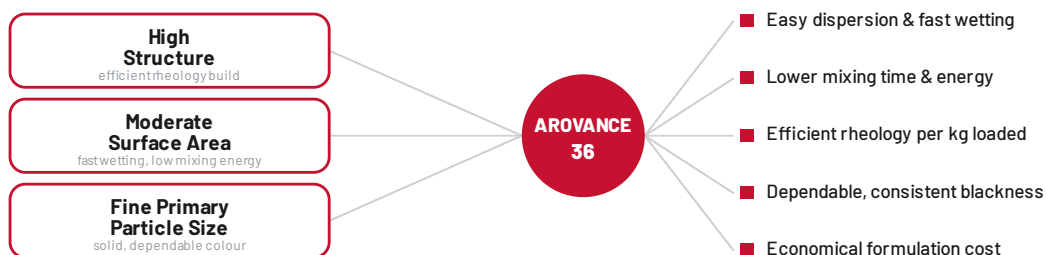
KEY APPLICATIONS

- General purpose construction sealants
- Adhesives & bonding compounds (cost-optimised)
- Rheology adjustment in filled systems
- Pigmentation where dependable blackness suffices
- Acrylic, PU & hybrid sealant bases
- High-loading black pastes & concentrates

PERFORMANCE FEATURES

- Easy dispersion with fast wet-out
- High structure: DBP 110 to 122 cc/100g
- Moderate surface area: lower mixing demand
- Efficient rheology contribution per unit loading
- Dependable blackness: tint 99 to 111%
- Favourable cost-in-use position

Defining Properties → Adhesive & Sealant Benefits



TYPICAL VALUE

Test Items	Unit	Standard
Physical Form	–	Powder
DBP Absorption Number	cc/100g	116 ± 6
BET Surface Area	m ² /g	94 ± 7
Tint Strength	%	105 ± 6
Average Primary Particle Size	nm	26 ± 2
Volatile Content	%	≥ 1.0
Ash Content	%	≤ 0.5
PH Value		8.0 ± 1.0

APPLICATION FIELD

Application	Recommended Dosage
General construction sealants	1.0 – 3.0 %
Adhesives & bonding compounds	0.5 – 2.5 %
Rheology adjustment (cost-optimised)	1.5 – 4.0 %
Acrylic / PU / hybrid sealant bases	1.0 – 3.0 %
High-loading black pastes	5 – 15 %

■ Recommended dosages are guideline starting ranges on total formulation weight and vary with binder system, filler load and processing conditions. Evaluate in the specific formulation before scale-up.

Physical Form: Powder | Packaging: on request | CAS No. 1333-86-4 | EINECS No. 215-609-9

ISTAR MATERIALS

Ground Floor, Plot 1/3, Priyadarshini Parisar
West Yellow Building
Opp. Hotel Grand Dhillon, Behind IDBI
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Notice and Disclaimer

The data and information provided herein are based on our current knowledge and experience and are believed to be accurate. However, ISTAR MATERIALS cannot guarantee that similar results will be obtained by others as processing conditions and formulations may vary. This information is provided for guidance purposes only and does not constitute a warranty or guarantee of performance.

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