

PLASTICS



PLASTEXA

Series

PLASTEXA 90

PLASTEXA 90 is a high-jet specialty carbon black for PVC compounds – window and door profiles, pipes and fittings, calendered film and sheet, flooring and wall covering. Its fine particle size and high surface area deliver deep, piano-black masstone and strong tinting strength for premium PVC parts.

PVC processing must hold colour through the heat history of extrusion and calendering. PLASTEXA 90 combines high jetness with dependable UV and weathering protection and – supplied via masterbatch – lets down cleanly at the dispersive shear typical of PVC compounding.

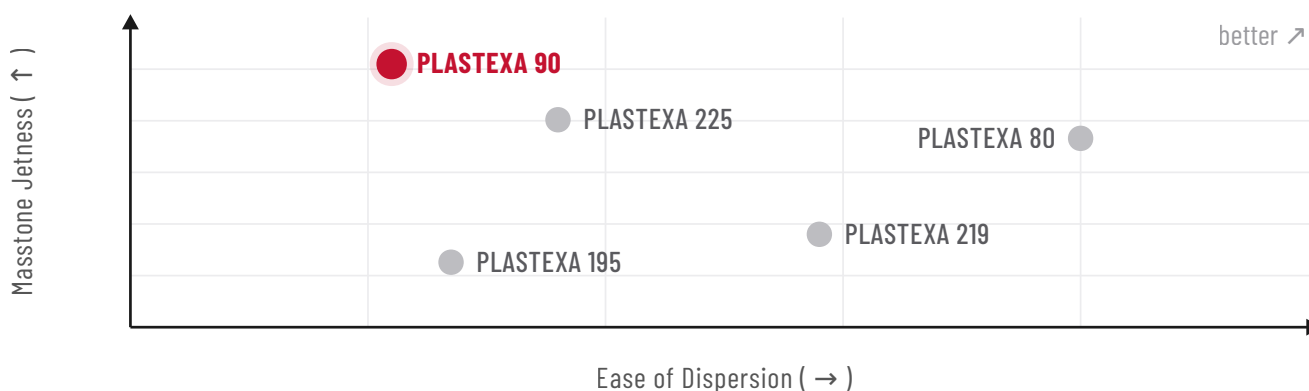
KEY APPLICATIONS

- Window & door profiles
- Pipes & fittings
- Calendered film & sheet
- Flooring & wall covering
- Rigid & flexible PVC compounds

PERFORMANCE FEATURES

- Deep, piano-black masstone
- Very high tinting strength at low loading
- Fine particle, high surface area
- Good UV / weathering protection
- Heat-stable through extrusion & calendering
- Supplied via masterbatch for clean let-down

Jetness vs Dispersibility – Plastics Grades



TYPICAL VALUE

Test Items	Unit	Standard
Physical Form	–	Powder
DBP Absorption No.	cc/100g	62 ± 6
BET Surface Area	m ² /g	258 ± 7
PH Value		8.0 ± 1
Tint Strength	%	143 ± 6
Average Original Particle Size	nm	19 ± 2
Volatile Content	%	≤ 1.5

- Recommended dosage (% in final part or as masterbatch) can vary with resin, process and dispersion.

Physical Form: Powder | Packaging: 25 kg paper or PE bag

APPLICATION FIELD

Application	Recommended Dosage
Profiles (mass tone)	1 – 2.5%
Pipes & Fittings	1 – 2.5%
Calendered Film & Sheet	1 – 2%
Flooring & Wall Covering	1 – 3%
High-Jet Masterbatch	25 – 45%

ISTAR MATERIALS

Ground Floor, Plot 1/3, Priyadarshini Parisar, West Yellow Building,
Opp. Hotel Grand Dhillon, Behind IDBI Bank, Bhilai, Chhattisgarh – 490020, India

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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