

PLASTICS

PLASTEXA

Series

PLASTEXA 193

PLASTEXA 193 is a versatile, cost-effective specialty carbon black for general-purpose plastics, masterbatch, pipe and profile, giving dependable blackness, good dispersibility and useful UV screening. Its larger particle size gives easy dispersion, low viscosity build and economical colouration.

PLASTEXA 193 is used in polyolefin masterbatch, HDPE pipe, geomembrane, film, moulded parts and general extrusion where reliable, economical black with good processability is required. Loading depends on target shade and UV-protection level.

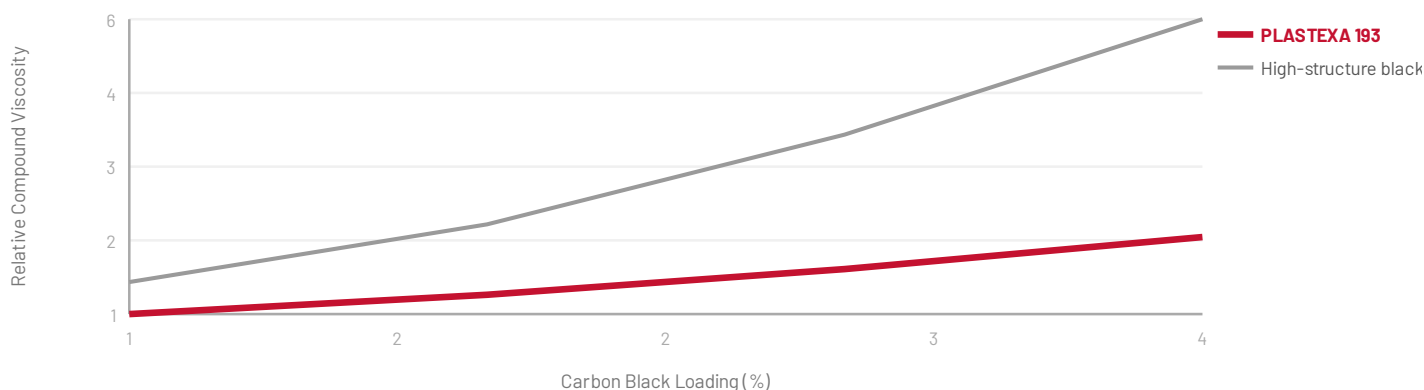
KEY APPLICATIONS

- General-purpose masterbatch
- HDPE pipe & geomembrane
- Moulded & extruded parts
- Profile, film & sheet
- Economy black compounds

PERFORMANCE FEATURES

- Reliable, economical blackness
- Easy dispersion (larger particle)
- Useful UV screening
- Low viscosity build
- Versatile across polyolefins
- Good processability

Compound Viscosity vs Loading



TYPICAL VALUE

Test Items	Unit	Standard
Physical Form	-	Bead + Powder
DBP Absorption No.	cc/100g	60 ± 6
BET Surface Area	m ² /g	130 ± 6
PH Value		9.0 ± 1
Tint Strength	%	120 ± 5
Average Original Particle Size	nm	23 ± 2
Volatile Content	%	≥ 1.0

APPLICATION FIELD

Application	Recommended Dosage
UV-Stabilised Masterbatch	25 – 45%
HDPE Pipe & Profile	2 – 2.5%
Long-Life Outdoor Components	1.5 – 2.5%
Cable Compounds	2 – 2.5%
Geomembrane Film	2 – 2.5%
Moulded Parts	1 – 2.5%

Recommended dosage (% in final part or as masterbatch) can vary with resin, process and dispersion.
Physical Form: Bead + Powder | Packaging: 10 kg (powder) / 20 kg (bead) paper or PE bag

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.

+91-9301988995

+91 96305 20016

info@istarmaterials.com