

PLASTICS

PLASTEXA Series

PLASTEXA 951

PLASTEXA 951 is a high-structure, low-surface-area specialty carbon black for general-purpose plastics, combining effective UV protection with good jetness and a clean bluetone. Its morphology makes it an efficient opacifying and light-screening agent in extruded film and moulded parts, dispersing easily on standard compounding equipment.

It is widely used in UV-critical applications such as utility / pressure pipe and agricultural film, as well as an opacifying masterbatch for extruded films and general moulded parts. PLASTEXA 951 delivers good jetness and a clean bluetone in colour-critical mouldings while screening the polymer against UV-induced degradation.

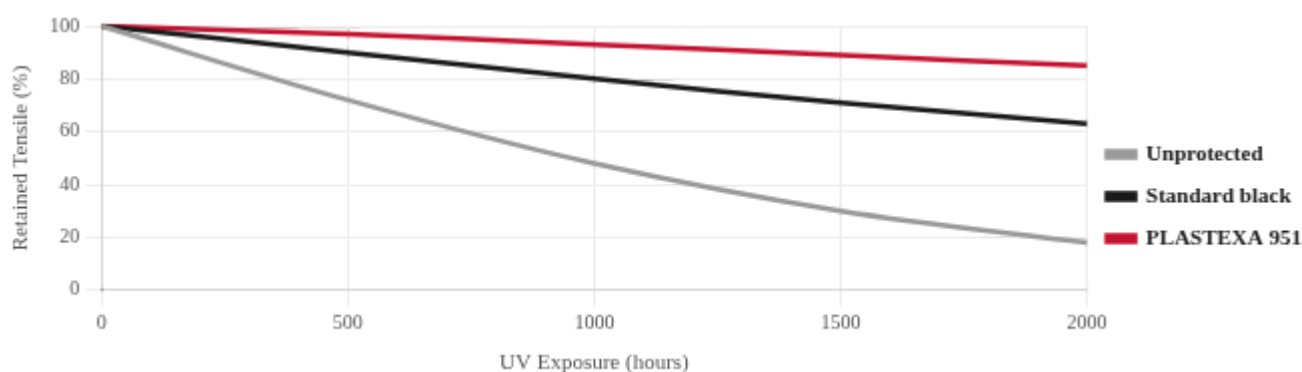
KEY APPLICATIONS

- Utility & pressure pipe (UV)
- Agricultural & mulch film
- Opacifying film masterbatch
- General-purpose moulded parts
- Black & tinted compounds

PERFORMANCE FEATURES

- Effective UV screening & weathering protection
- Good jetness & bluetone
- High opacity at low loading
- Easy dispersion in polyolefins
- High structure / low surface area
- Reliable colour consistency

Property Retention after UV Exposure



TYPICAL VALUE

Test Items	Unit	Standard
Physical Form	-	Powder
DBP Absorption No.	cc/100g	119 ± 10
BET Surface Area	m ² /g	45 ± 5
PH Value		8.0 ± 1.0
Tint Strength VS IRB#3	%	60 ± 5
Heating Loss	%	≤ 1.0
Sieve Residue 325M	ppm	≤ 50
Toluene Discoloration	%	≥ 90
Ash	%	≤ 1.0

APPLICATION FIELD

Application	Recommended Dosage
UV pipe compound	2 - 2.5%
Agricultural film	2 - 3%
Opacifying film	1 - 3%
Moulded parts (black)	1 - 2.5%
Masterbatch (let-down basis)	25 - 45%

Recommended dosage can vary with system, equipment design and dispersion conditions.

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