

NOFX HDPE COLOR BATCH

DS 790 E 1212



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Technical Data

NOFX HDPE Color Batch for durable corrosion protection and design of Stay Cable Bridges complying to last FIB and PTI recommendations.

Kind of Product	Solvent free HDPE Color Batch for long-term protection and encapsulation suitable for productions of HDPE pipes, HDPE Half-pipes, ropes with HDPE layer and other HDPE products for exposed applications in civil engineering structures. The NOFX HDPE Color batch is the identical material we use and offer with our since more than 20 years well experienced NOCX HDPE pipes.
UV Stability	Best UV-stability / color stability
Heat Resistance	Best heat resistance to reduce "aging due to heat" effect
Micro Crack Resistance	Best stabilization to reduce formation of micro fissures at pipe surface
Norm	Final products (by usage according Option 1 or 2) comply with latest FIB 30 and PTI DC 45.1-12 6th edition recommendation for exposed used in stay cable applications..
Use	Option 1: Use of 3,5% of NOFX HDPE Color Batch with 96,5% of natural colored HDPE PE 80 or PE 100 pipe grade raw material (brand and type can be proposed by client but should be approved for suitability by us). Option 2: Use of 100% of NOFX HDPE Color Compound produced by us.
Colors	More than 200 colors incl. metallic effect colors available
Material Ingredients	The batch formulation created by us individually for each color contains backing material, special color and several stabilizers against UV, Heat, Micro Crack and others.
Material Properties	Final products (by usage according Option 1 or 2) comply with latest FIB 30 and PTI DC 45.1-12 6th edition recommendation for exposed used in stay cable applications..
Jointing	Standard HDPE jointing methods like mirror welding, electrofusion welding, extrusion welding and others are suitable.
Chemical Resistance	Against almost any type of chemical attack
UV - Tests	20.000 hours Xenotest 1200 and W-O M test (corresponding to 20 years real time in Middle Europe) do not visible show any change in color or fading in the color. The appearance of the surface remains unchanged. Very slow progress of structural material property changes are confirmed. NOCX pipes estimate for best product performance for more than 50 years. (Result of test report of famous independent laboratory.) Independent Expert opinion available.
Delivery	25 Kg Plastic Bags packed on pallet
Storage	5 years storage time indoor in dry conditions
References	More than 200 bridge installations since 1989

Contact us for more details.

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