

Description and Uses

ARDROX[®] 945 consists of black granules of pure forms of activated carbons, which are extremely effective in the removal of penetrants and emulsifiers from rinse water. They have controlled particle size and have been specifically designed to operate with ARDROX[®] penetrant systems.

ARDROX[®] 945 is used for treating rinse waters containing the whole range of ARDROX[®] red dye and fluorescent penetrants.

Chemicals Required

ARDROX[®] 945

Method of use

For best results, ARDROX[®] 945 should be used in an ARDROX[®] filter unit. The water to be treated is continuously pumped through the carbon in a downward direction. This method ensures that the water has maximum contact with the carbon and that sudden increases in the contamination level, for example at the start of the rinsing operation, can be readily accommodated.

ARDROX[®] 945 is also used in an ARDROX[®] Carousel penetrant plant.

When wetting this product prior to use, add the powder steadily to an excess of water rather than adding water to the bulk powder, otherwise significant heat generation can occur.

For advice concerning application equipment, contact your local Chemetall Aerospace Technologies Representative.

Effects on materials

Not applicable.

Technical information

Appearance:	Black granules.
Bulk density:	0.2 - 0.6 g/cm ³
Surface area:	900 – 1000 m ² /g.
Particle size:	1.0 – 2.0 mm.

These are typical values only and do not constitute a specification.

Store in a dry place with the container properly sealed, away from flammable materials and sources of ignition.

Equipment materials

ARDROX® 945 is compatible with all materials of construction.

Safety Guidance

Before operating the process described it is important that this complete document, together with any relevant Safety Data sheets, be read and understood.

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