

Íàñéíüèî ñíàòîâ ïí òñòàííâèà àìòèñòðè-àñéíâí íáíðóáíâàíèý

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Óìðñò Ýíáàèüíá

- Áúáíð ñèñòàíü àçèìàíèý
- Íñàðíäýüèà ìàòàðèèèü
- Ýéàèòðíà áíðüáá, áíðüáá ïòàíòèèè, ïòàíòèèè çàìèè ...
- Ìðèìáðü
- Ñíààòü ïí òñòàííâèà è èñíèüçíàáèð çàðýàèè yéàèòðíáü

Óñíàòíüá yéàèòðíòàòè-àñéíâí çàðýàà - íààáèíüè ñèèèèàáíèý ðàçèè-íüò ìàòàðèèèà ðòà ñ ðòàáíí ñ ïííüüð àñíèíâí íáíðýæà ðàíèèò ìðèçáíñòàáííâí ìðòàññà áíèæíí áúòü ìðííòí áíñòàòí-íí.

Ñèàáòðüèà ñíààòü ìðàáíàçíà-áíü, ðòíáü ïíí-ü Ààì òñíàòíí ðàáíòàòü ñ ìàòèè ñèñòàíüè çàðýàèè. Áñèè áü àñà áüà íà áíñèíà óà èñíèüçóáíàý, ïæàèòèíòà, íà òàñííýèòáññ ìàòàòüñý è ìà ìáíðýìòð. Ñí ñáíâè èííòàèòíè èíòíðìàèèè, ïæàèòèíòà, ññüèèèòáññ

Ìðèìèè: yéàèòðíòàòè-àñéíâí çàðýàà, ìðàæàá -àì áüñíèýüü!
Äèý electrostatically íàèèààòèè ìàòàðèèèü òñíàòíí, ààì íáíðíâèà ñèñòàíü àçèìàíèý ïèàòü, ìàòàðèèèü, èíòíðüà áóáòò àçèìàòüñý ìàòàðèèèà, èíòíðüà áóáòò àçèìàòüñý. A situation should be avoided whereby the charging system first has to eliminate carried-fields from the material before the charge can be applied in the intended way. Íñèíâèèà ñèàáòàò èçááàòü èíòíðüì çàðýàèè ñèñòàíü ñ yéàèòðíòàòè-àñéíèò ïñèèè ìò ìàòàðèèèà, ìðàæàá -àì íááèíàíèý ïíáòò áúòü ìðèìàíáíü à ìðàáíàçíà-áíü ñííñíáíí. This could result ìðèèáñòè è ðàçèííó òóòàáèèð ñííòíýíèý yéàèòðíòàòè-àñéíâí èðáíèèèè. The ionizing unit used to eliminate such undefined ele up in a reasonable distance (at least 100 mm) from the charging electrode. Èíèçèòòðüááí ààèèèòü èñíèüçòòðòñý äèý òñòàííâèý áúòü ñíçááíü à ðàçòííí ðàññòíýíèè (íà ìáíáá 100 ì) ìò çàðýàà yéàèòðíáà. This ensures that the electrostatic discharging system charging. Ýòí ààðàìèòòàò, ðòí yéàèòðíòàòè-àñèèà èñíèèíàíèè ñèñòàíü íà ìàòòü, ìðàáíàçíà-áííüò çàðýàèè. Áúáíð ñèñòàíü à

Çàðýàèà yéàèòðíàà Çàðýàèà ááíáðàòíð Ìðèìàíèèà Íñíàáíííòè ALS AG series AG ñàðèè All standard applications Áñà ñòà contacts, replaceable pin strip, all connector variants of high-voltage cable possible. Ñüáííüè àñíèíâíèüòíüò èííòàèòíà, ñíáííüà ïí èííòàèòíüè ðàçüáí, ðàçüáí àñà àðèèàíòü àñíèíâíèüòííâí èàáàèý áíçíæíí. Triode ALM Triode ÀÈÌ TR series TR ñàðèý Where a ððàáòàòñý, eg near metals ìáíðèìáð, áàèèçè ìàòàèèèà Detachable high-voltage contacts, replaceable pin strip, all connector variants of high cable possible. Ñüáííüè àñíèíâíèüòíüò èííòàèòíà, ñíáííüà ïñèíñ èííòàèòíüè ðàçüáí, ðàçüáí àñà àðèèàíòü àñíèíâíèüòííâí èàáàèý TR series TR ñàðèý Spot charging electrode where a regionally restricted field is required Spot çàðýàà yéàèòðíàà, ááá ðàáèíâí charging pin. Íáííè çàðýàèè ðèèèòà. Three-finger Óðè ìàèüòà electrode yéàèòðíà AG series AG ñàðèè TR series TR ñàðèý Film edge fixation on extruders Óèèüì ïí èðàð òèèñàòèè yéñòòàááðü Finger length can be adapted if spac premium. Finger àèèíü ïíáòò áúòü ààáíòèðíááíü, àñèè ìáñòí íà ìðáèð. ALW Á.È.Á. AGW HW High requirements Áñíèèà ððàáíâèèý Voltage stabilized, edge coverage of ALW not guaranteed, connectort variants axial and radial possible. Íáíðýæáíèà òàáèèèçèòòàòñý, èðíèèà ññáüáíèà Á.È.Á. íà ààðàìèòòàòñý, connectort ààðèàíòü ññáü

Íñàðíäýüèà ìàòàðèèèü

Material suitable for electrostatic fixation must fulfil the following requirements: ìàòàðèèè ïñàòíèèò äèý yéàèòðíòàòè-àñéíâí èðáíèèè

- It should be insulating, not electrically conductive. Ñèàáòàò èçíèýöèíííüò, íà ìðíáíäýüèò yéàèòðè-àñèèè.
- It should be dry, clean and free from oil and grease. Á ìáí áíèæáíü áúòü ñòòèè, -èñòüèè è ñáíáíáííüèè ìò ìáñèà è æèðà.
- It should have no conductive coating. Íí íà áíèæáíü áúòü ìèèàèèò àìòèñòàòè-àñèèèò ïèòðüèèè.
- It should not be too bulky, not too thick. Íá íà áíèæáíü áúòü ñèèèèí ãðííçàèèà, íà ñèèèèí òíèñòàý.
- It should have a small air inclusion. Íí áíèæáíü èìàòü íááíèüòíè àíçàòíüá àèèð-áíèý.
- It should have small recovery and roll-up forces. Íí áíèæáíü èìàòü íááíèüòíè ïñáüàì è ïñáüàííüá ñèèü.
- If electrostatically conductive, it should have no contact with a counter potential. Áñèè electrostatically àìòèñòàòè-àñèèèò, ïí áí èèèèèè èííòàèòíà ñ ïòàíòèèèüíüèè áíðüáá.
- If printed or coated with electrically conductive inks or varnishes, the print or coating should not have Áñèè ìà-àòíüà èèè ïèèðü yéàèòðè-àñèèè ìðíáíäýüèà èðáñèè è èàèè, ìà-àòàòü èèè ïèèðüèèà íà áíèæáíü

any contact with ground potential – and in particular not at the edge where the printed or coated finishes èàèèð-èèáí éííòàèòíà ñ ïòáíóèàèüíüíè íáñòàð - è à ÷-àñòííñòè íá íà íèðàèíá, ààá íàíá-àòáíü èèè éííáí ïíèðüòèý éóçíàà are cut. Íáðçàçòñý. Yéàéòðíà áíðüáá, áíðüáá ïòáíóèàè, ïòáíóèàè íáñòàð .. Íðèíáððü

In order to achieve a fixation using an electrostatic charge, the charge applied with the charging electrode needs to "relate" to a counter potential. Äëý òíáí ÷-òíáü áíàèòüñý òèèñàòèè ñ ïííüüð yéàéòðíñòàðè-àñéíáí çàðýàà, çàðýàà ïðèíáíýòüñý ñ charge potentials – positive or negative – attract each other and therefore ensure that the material is fixed. Íáà çàðýàà ïðèíáíýòüñý ïòáíóèàèíá - ïíéíæèòàèüíüé èèè ïððèòàòàèüíüé - ïðèòýæààòü äðóá äðóáà è ïýòíó óáàèòàñü, ÷-òí ïàò

Éííòàèò ñ áíðüáü ñ yéàéòðíàèè Material to be fixed and counter electrode ìàòàðèàèü äëý éðáíéáíèý è áíðüáü ñ yéàéòðíáíí touching each other. èàñàýñü äðóá äðóáà. Íðèíá-àíèá Full surface Ííéíüé ïíáàðòííñòè area ðàéíí

Unstable material may get stuck to the large surface. Íáñòààèèüíüð ìàòàðèàè ïíæáò çàñòðáààðò íà áíèüðíé ïíáàðòííñòè. Suitable for sections, Íñàðíàèò äëý áéíéíá, ñòààèèüííé ìàòàðèàèüííé ñàèèèé, taut webs. taut ìàòòèíü. Reduced Óíáíýðáíèá surface area ïéíüáü ïíáàðòííñòè

Unstable material may get stuck in the recesses. Íáñòààèèüíüð ìàòàðèàè ïíæáò çàñòðáàààðò á íèòàð. Suitable for blocks, stable áéíéíá, ñòààèèüííé ìàòàðèàèüííé ñàèèèé, taut webs. taut ìàòòèíü. Round, angular Ðàóíàà, óáéíáüá profiles ïðíðèèè

Unstable material may get stuck between the guide strips. Íáñòààèèüíüð ìàòàðèàè ïíæáò çàñòðáàààðò ìæáó ðóéíáíáñòáíí ïíéíí. sections. Íñàðíàèò äëý áéíéíá, ñòààèèüííé ìàòàðèàèüííé ðàçàáéíá. taut webs. taut ìàòòèíü. Metal roll Íáòàèèè-àñéèé ðóéíí

If the web tension is insufficient, material may get wrapped around the roll. Áñèè ááá íáíðýæáííñòè ýæýáòñý íááíñòàòí-íüí, ïñà Electrically conductive roll bearing required. Yéàéòðè-àñéè ïðíáíýüèá ñàèòíè ñ íáýçàòàèüíá. Suitable for all material webs. Íñàð

Íáðàòíáý ñáýçü-ááñíèàòíí áíðüáá yéàéòðíáü The counter potential is generated by means Íðíðèáíáàéñòàèý ïòáíóèàèüíüí áüðá of the ions of an ionizing unit. èç éííá éííèçèðòóááí áàèèèü. Íðèíá-àíèá Ionizing unit without air assistance. Éííèçèðòóáá ááá Ions are effective within the stray field of the unit. Éííü ýáèýòñý ýòàèèèáíüíè á áíáíá-èð íáèàñòè áàèèèü. Distance “behind the material Ðàññòíýíèá "ííçààè / íèæá" ìàòàðèàèà approx. ïðèáé. 20 to 30 mm. Íò 20 áí 30 ìí. Air-assisted ionizing bar. Áíçáóðà ñ ïííüüð éííèçèðòóááí áàð. Ions flow with the air stream across the distance Éííü ñ ïòíèíí áíçáóóííáí ïòíèá ÷-áðáç ðàññòíýíèý towards the material. á íáíðáàèéáíèè ìàòàðèàèà. Distance “behind / below” the material Ðàññòíýíèá "ííçààè / íèæá approx. ïðèáé. 50 to 150 mm. Íò 50 áí 150 ìí.

Ñíáàòü ïí óñòáííáèà è èñíèèüçíáàíèð çàðýàèè yéàéòðíáü - The charging electrodes must be installed in a position where they are protected from any unauthorized Çàðýàà yéàéòðíáíá áí óñòáííáèáíü á ïíéíæáíèá, éíáàá ííè çàüèüáíü òò èðáüò íáñáíèòèíèðòíáííüð access. áíñòíá.

- Short-circuits and spark-overs must be avoided, as they might damage the charging electrode itself or Éíðíòèíáí çàíüèáíèý è èñèðð ïñòàðèíá ñèááóáð èçááààòü, ïííéíèèüéó ííè ïíáèè áü ïíáààèòü çàðýàèè èèè ñàí yéàéòðíá the material and production system. ìàòàðèàèü è ñèñòáíü ïðíèçáíáñòáà.

- Ensure that you neutralize the material before charging. Óáààèòàñü, ÷-òí áü íáéòàèèèçíáàòü ìàòàðèàèà áí çàðýàèè.

- The distance from the charging electrode to the metal must be greater than the distance to the material Ðàññòíýíèá òò çàðýàà ìàòàèèà áíèæéíí áüòü áíèüòá, ÷-áí ðàññòíýíèá áí ìàòàðèàè to be charged or to the counter electrode. , éíòíðüá áóáóò áçèíàòüñý èèè äëý áíðüáü ñ yéàéòðíáíí.

- The distance from the charging electrode to the material to be charged should amount to between Ðàññòíýíèá òò çàðýàà yéàéòðíáí éíòíðüá áóáóò áçèíàòüñý áíèæéíí ñíñòààèýòü áí 15 and 100 mm. 15 è 100 ìí. The greater the distance, the higher the voltage required. Áíèüòá ðàññòíýíèá, òáí áíèüòá íáíðýæáíí

- Always mount the charging electrodes using plastic holders. Áñáààá áíðá çàðýàèè yéàéòðíáíá ñ èñíèèüçíáàíèàí ïèàñòèèíáüð holders suitable for Óàóá íðáàèèááàò ñíàòèèèüíüá áàðæàòàèè äëý the purpose. óáèè.

- Always keep the charging electrodes clean. Áñáààá áàðæèòá çàðýàèè yéàéòðíáíá á ÷-èñòá. Contamination may result in sh functional Çàðáæáíèá ïíæáò ïíèá-ü çà éíðíòèíáí çàíüèáíèý è óóíèèííáèüíüá failure. íáóá-à.

- Conductive chemicals or water must not come into contact with the charging electrode. Íðíáíäýùèá òèìè-àñéèò ááùáñòá èèè á ñííðèéáñàòüñý ñ çàðýäèè ýéàéòðíáá.
- Flammable materials must not be allowed to get near the charging electrodes. Áñíèèàíáíýþùèáñý àòàðèèèù íá äíèæíù äííóñèè. The use of the charging Ëñíèüçíááíèá çàðýäèè systems in explosive areas is not permitted. ñèñòàì áí âçðúâííàñííúò ðàéííáð, íá äííóñèèáòñý.
- The counter electrodes must be grounded separately from the electronic system of the equipment. Áíðúáú ñ ýéàéòðíááèè äíèá íñííáúâàòüñý ìòááèüíí ìò ñèñòàìù ýéàéòðíííáí íáíðóáííááíèý.
- The charging pins are consumables. Çàðýäèè áóéèááèè ðàñðíáííúá àòàðèèèù. They should be allowed to become blunt. Ííè áí Short-circuits and Ëíðíòèíáí çàìüèáíèý è spark-overs will result in the erosion of the charging pins. èñèèðù ìñòàòèíá ìðèááááò è ìíäðúáó çàðýäèè áóéèááíè.

Subject to technical changes! Ñ ó-àòì ðàðíè-àñéèò èçíáíáíèé!