**Request for melamine and melamine papers suppliers**

**OOO "Funder-Uwa"** is a joint Russian-Austrian company, founded in 2005.
Territorially it is located in Russian Federation, Udmurt Republic, settlement Uva.
The main product of the company is a decorative film for laminating the chipboard surface.

Today, Funder-Uwa has 5 modern impregnation lines VITS and its own production of impregnating compounds and additives. Production capacity of the company is 170 million square meters of film per year. The assortment of offered grades is more than 300. Geography of sales - the products are presented at all Russian factories for the production of laminated chipboard, also the products are sold in Kazakhstan, Uzbekistan.

Company is looking for new suppliers of melamine and melamine papers.Volume of melamine consumption is 5-6 thousand tons. Paper grade "White" - 1000 tons per year. Specification of needed products is provided below.

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**Requirements for melamine**

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| **Indicator** | **Required indicators** |
| Appearance  | White crystal powder |
| Content of the main substance,% no less than | 99,8 |
| Moisture content, not higher than,% | 0,1 |
| рН | 7,5-9,5 |
| Ash content,%, no more than  | 0,03 |
| Turbidity, no more than  | 20 |
| Colority, no more than | 20 |
| Needed volume 5000-6000 tons per year |

**Requirements to the decorative paper**

Decorative paper in rolls is intended for manufacturing of the facing material in the production of furniture. For the production of paper, water-based paints are used in accordance with the requirements of the furniture industry.

The decorative pattern should be applied to the smooth top side of the paper.
Rolls should have a width of 1750, 1830, 1850 and 2007 mm. The diameter of the roll should be from 600 to 1000 mm. Paper winding should be made on paper roll core with an internal diameter of 76 mm, the rolls are hermetically sealed.

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| **Indicator** | **Valid parameter** |
| Density (gr/m2) | According to the customer specification +3/-2 |
| Ash content % | 22-42 |
| Gurley air permeability (100 ml/sec) | 13-28 |
| Smoothness Bekk (sec) | 60-140 |
| Tensile strength MD(N) | Min 28 |
| Wet strength (N) | Min 6.5 |
| Penetration (sec) | Max 5 |
| pH cold extraction | 6.8-7.5 |
| Transversal stretching Mütek | 2.7-3.1 |
| Longitudinal stretching Mütek | 0.6-0.9 |
| Resistance to impregnating resins | Paper shouldn’t color the impregnating solution |
| Thermal resistance | Paper shouldn’t change the color |
| Color  | According to archival samples in pressed form |
| Appearance | Equal fiber distribution, the absence of fibrous accumulations, breakings and foldings, image breaks, wrinkles, strange color strips, spots, broken sections through the printing field, through holes, strips from the squeegee, incompatibility of paints, color variations of service sides. |
| Evenness of winding | Absolutely even paper arrangement without air bubbles under the paper and without folding formation |
| Edge quality | Edge is even without fibers and damages |
| Impurity presence | no |
| Splice | In one roll no more than two (not less than per 300m). The splices should be indicated by a “signal” at the end of the roll. |
| Internal diameter of roll core  | 76 mm |
| Roll diameter  | Till 1000 mm |
| Roll width (mm) | According to the customer specification (1220-2220) +/-3 |
| Winding method | Decorated side outwards |
| Unwinding direction side | On the outer packaging of the roll, incl. the front edge, an arrow is printed indicating the direction of unwinding the roll. |
| Needed volume 1000 tons of Paper grade "White". |