

彩涂铝卷厂家批发，0.60.7彩涂铝卷价格，天物彩板

产品名称	彩涂铝卷厂家批发，0.60.7彩涂铝卷价格，天物彩板
公司名称	唐山天物彩板有限公司
价格	4200.00/吨
规格参数	品牌:天物彩板 颜色:可根据客户要求定制 物流:可配送到厂
公司地址	高新区
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产品详情

本文仅部分展示，详细咨询请访问彩涂卷厂家价格表www.caigangjuan.net进行咨询。天物彩板，功能性彩板定制开创者，专注彩板领域16年。主要从事彩板生产、销售、加工，全国配送。年生产能力30万吨，服务过上千家企业，销售网络遍布全国。天物的产品定位是：根据彩板的使用环境、设计年限、结构成型及客户的需求，个性化定制，满足客户多元化需求。产品涉及PVDF氟碳彩板、HDP高耐候彩板、SMP硅改聚酯彩板、PE普通聚酯彩板、彩涂铝卷等21个系列和品种。

通过对彩涂板的研究，找到了一种快速预测彩涂板涂层附着老化性能的试验方法。通过对实验的系统分析，发现涂料树脂的结构、基材的粗糙度、基材的种类以及彩涂板的预处理工艺对彩涂板涂料的附着力老化性能有很大的影响。提出了提高彩涂板涂层附着力老化性能的途径。涂层附着力是评价彩涂板质量的重要技术指标。目前，人们普遍采用T形弯曲试验来表征涂层的附着力。

然而，彩涂板的应用经验表明，随着储存时间的增加，一些彩涂板的附着力会迅速恶化，影响彩涂板的正常使用。涂层附着力老化性能最直接的表现是涂层的T形弯曲试验结果随贮存时间的增加而迅速下降。导致T型弯曲性能下降的主要因素是水、氧和离子在彩涂板存放的自然环境中的影响。

这种影响是一个缓慢的过程，需要一定的时间才能发生，并通过T形弯曲试验来显示。这将导致彩涂板到达用户手中后附着力差，对彩涂板的生产单位和用户都会产生负面影响。本文通过加速模拟自然环境对涂层附着力的影响，得到了一种快速、准确预测彩涂板涂层附着力老化性能的方法。

通过实验，得出了不同涂层体系附着力老化性能的变化规律。研究分析了影响涂层附着力老化性能的因素。提出了提高涂层附着力老化性能的途径。彩涂板涂层附着老化性能的测定T型弯曲试验应按彩涂钢板和钢带试验方法在离线彩涂板上进行。然后，将样品在实验室中保存6个月，并进行T形弯曲试验，以获得涂层附着力半年的老化性能。

1.2离线彩涂板按彩涂钢板和钢带试验方法进行彩涂板T型弯曲试验涂层附着力和老化性能预测。然后将试样放入恒温恒湿试验箱进行24小时加速老化试验，试验温度为70，相对湿度为95%。涂层表面的水分子

通过吸附、扩散、渗透等作用到达涂层金属基体的界面，直至涂层/金属基体的界面被破坏。这种界面损伤的初始宏观表现可能是涂层附着力下降，表现为涂层附着力老化性能差，进一步的宏观表现是涂层起泡脱落。因此，结合老化试验结果可以预测彩涂板的耐蚀性，对提高彩涂板产品质量具有良好的预警作用。

Based on the study of color coated plate, a test method for fast prediction of adhesion aging performance of color coated plate coating was found. Through the systematic analysis of the experiment, it is found that the structure of the coating resin, the roughness of the substrate, the type of the substrate and the pretreatment process of the color coated plate have a great influence on the adhesion aging performance of the color coated plate coating. The way to improve the adhesion aging property of the coating was put forward. Coating adhesion is an important technical index to evaluate the quality of color coated plate. At present, T-bend test is widely used to characterize the adhesion of coating.

However, the application experience of color coated plate shows that with the increase of storage time, the adhesion of some color coated plates will deteriorate rapidly, which will affect the normal use of color coated plates. The most direct performance of the coating adhesion aging performance is that the T-bend test results of the coating decrease rapidly with the increase of storage time. The main factors that lead to the degradation of T-bend properties are the influence of water, oxygen and ions in the natural environment of color coated plate storage.

This kind of influence is a slow process, which takes a certain time to occur, and it is shown by T-bend test. This will lead to poor adhesion after the color coated plate reaches the user's hands, which will have a negative impact on both the production unit and the user of the color coated plate. In this paper, a fast and accurate method to predict the adhesion aging performance of the coating is obtained by accelerating the simulation of the influence of natural environment on the adhesion of the coating.

Through the experiment, the change rule of adhesion aging performance of different coating systems was obtained. The factors influencing the adhesion aging property of the coating were studied. The way to improve the adhesion aging property of the coating was put forward. T-bend test shall be carried out on the off-line color coated plate according to the test method of color coated steel plate and steel strip. Then, the samples were kept in the laboratory for 6 months, and T-bend test was carried out to obtain the aging performance of coating adhesion for half a year.

1.2 prediction of adhesion and aging performance of T-bend test coating for off-line color coated plate shall be carried out according to the test method of color coated steel plate and steel strip. Then put the sample into constant temperature and humidity test chamber for 24 hours accelerated aging test, the test temperature is 70, and the relative humidity is 95%. The water molecules on the coating surface reach the interface of the coating metal matrix through adsorption, diffusion and penetration until the interface of the coating / metal matrix is destroyed. The initial macroscopic performance of this kind of interface damage may be the decrease of coating adhesion, which is manifested as the poor aging performance of coating adhesion, and the further macroscopic performance is the foaming and falling off of coating. Therefore, combined with the aging test results, the corrosion resistance of the color coated plate can be predicted, which has a good early warning effect on improving the quality of the color coated plate.