



间苯二酚甲醛树脂

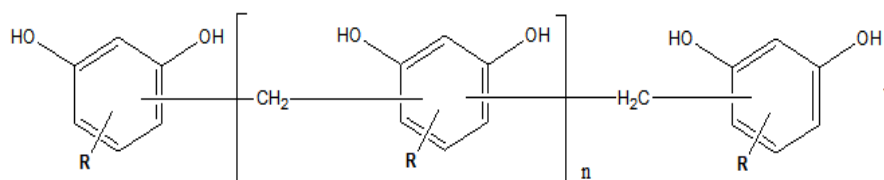
Resorcinol formaldehyde resin

一、产品描述 Description

本产品是橡胶粘合树脂，是苯乙烯改性间苯二酚甲醛树脂，用以提高橡胶与骨架材料之间的粘合性能。

This product, a rubber adhesive resin, is a styrene modified resorcinol formaldehyde resin. It can improve the adhesive property between rubber and skeleton materials.

二、结构式 Structural formula



R为苯乙基或氢

三、技术指标 Technical indicators

牌号 Grade No	外观 Appearance	软化点 Softening point (°C)	65°C加热减量 Heating loss (%)	游离酚 Free phenol (%)
DR-7201	棕红色至深褐色颗粒 Brownish red to deep brown particles	95-109°C	<1.0	<8.0%
DR-7202	棕红色至深褐色颗粒 Brownish red to deep brown particles	95-109°C	<1.0	<5.0%

四、性能特点 Performance characteristics

本产品是间苯二酚、苯乙烯与甲醛的反应产物，具有环保特性，游离酚含量低，在胶料混炼和半成品加工过程中，可明显减少烟气和胶料喷霜等问题；在硫化温度下能够很快与亚甲基给予体发生化学反应，从而起到增进粘合的作用；在



保证胶料性能的前提下，可替代纯间苯二酚、预分散型间苯二酚以及其他预缩合间苯二酚，从而减少其对人体和环境的负面影响。

This product is a reaction product of resorcinol, styrene and formaldehyde. It is environmental-friendly, and has low free phenol content. In the process of compound mixing and semi-finished product processing, the problems of flue gas and spray of compound can be significantly reduced. At the vulcanization temperature, it can quickly react with the methylene donor, thus playing a role in improving adhesion. It can replace pure resorcinol, pre-dispersed resorcinol and other pre-condensed resorcinol on the premise of ensuring the performance of the compound, thereby reducing negative impact on human body and the environment.

五、产品用途 Uses

主要用于提高橡胶与钢丝、帘线（聚酯、尼龙）等骨架材料的粘合力。

Mainly used for bonding rubber with skeleton materials such as steel wire and cord (polyester, nylon).

六、包装存储 Packaging and storage

1、阀口袋包装或纸塑复合包装并内衬塑袋，25kg/袋。

2、储存条件：产品应存放于阴凉干燥通风处。

3、储存期：储存温度 25℃ 以下、相对湿度 70% 以下储存期为 12 个月，到期产品经复检，指标仍符合要求的可继续使用。

1. Valve bag packaging or paper plastic composite package lining with inner plastic bag, 25kg/bag.

2. Storage condition: The product should be stored in a dry, ventilated warehouse below 25℃ and relative humidity below 70%.

3. Storage life: The product should be stored no longer than 12 months. The product can still be used if tested qualified upon expiration.