

# Rubbond HM72

Manufacturer: TWC Rajsha Chemicals Private, Ltd.  
 Classification: Bonding Agent  
 Chemical Composition: 72% of Hexa Methoxy Methyl Melamine Coated with Silica

Specification Properties	Value	Test Method
Ash Content @850 °C, %	23-29	
Free Formaldehyde, %	0.1 maximum	
Heat Loss, @105 °C, %	5 maximum	
HMMM Content, %	71-73	
Moisture Content, %	5 maximum	Karl Fisher
Sieve Residue (Wet) on 100 mesh, %	0.1 maximum	
Typical Properties	Value	Test Method
Physical Form	Free flowing powder	Visual
Specific Gravity	1.36-1.46	Typical

## > APPLICATIONS

**Uses:** RUBBOND HM72 has been successfully designed to meet the stringent needs of cord-rubber properties of tire and non-tire industries. It offers a balanced combination of good adhesion and excellent fatigue resistance in conjunction with Methylene acceptors like RUBBOND RSA / RUBBOND RS through formation of an in-situ resin. The recommended dosage above shows the level for initial evaluations.

**Advantages:** Easy handling, easy dispersion in compound, non-corrosive effects on coated steel, non-dusting, scorch protection higher than HMT, nontoxic and no skin irritation

**Recommended Dosage:** 4 to 5 phr is normally recommended for a Dry Bonding System.

## > PACKAGING AND STORAGE

**Packaging:** 25 kg (55.1 lb.) bags.

**Shelf Life:** 1 year from date of manufacture if stored as indicated below.

**Storage:** Store in unopened original packages in a cool dry place.

**Specification Date:** July 17, 2018