

## AGIDOL 2 (2246)

2,2-methylene-bis (4-methyl-6-tert-butylphenol)

Ed 0 25/04/2019

### Specifications

The product is obtained by water-emulsion condensation of formaldehyde with 2-tert-butyl-p-cresol in the presence of acid catalyst. Agidol-2 is a highly-efficient antioxidant used for stabilization of light-colour butadiene, isoprene rubbers, lattices, petroleum products, plastics, fibres as well as polyolefins (polystyrene, ABS).

- Empirical formula: C<sub>23</sub>H<sub>32</sub>O<sub>2</sub>

Agidol-2 must comply with the following quality parameters:

Parameter	Standard 1 <sup>st</sup> Grade	Standard 2 <sup>nd</sup> Grade
<b>Appearance</b>	Powder of white or cream colour	
Color, units of color, max	20	40
<b>Initial melting point, °C, min</b>	128	126
Mass loss at drying, %, max	0.3	0.5
<b>Ash content, %, max</b>	0.1	0.2
<b>Iron (Fe) content, %, in terms of Fe<sub>2</sub>O<sub>3</sub>, max*</b>	0.02	0.02

\*Note: Testing is performed upon customer's request.

**Packaging:** Product is packed in 4-layer laminated paper bags, then put on wooden pallets and formed into unit loads with PE or "Regent-Stretch" polymer film. Upon agreement with a customer other packaging for Agidol-2, approved in established order, is allowed.

**Transportation:** Transported by rail and road in covered transporting means in accordance to the rules of cargo transportation applied to the specific type.

**Storage:** Agidol-2 should be stored in covered warehouse at a temperature of 40 °C, max and in a distance not less than 1m from the heating elements. Direct sunlight should be avoided.

**Guaranteed Shelf Life:** 1 (one) year from the manufacture date.