

HPMC 2910 E5 (Hydroxypropyl Methylcellulose, E5)

Product Description

HPMC 2910 E5 is a low-viscosity, non-ionic cellulose ether that easily dissolves in cold water to form a clear, slightly viscous solution. This versatile ingredient is widely used as a binder, film former, thickener, and water-retention agent in pharmaceuticals, food products, cosmetics, and construction materials.

Specification & Typical Test results

TEST ITEM	SPECIFICATION	TEST RESULT
APPEARANCE	WHITE POWDER OR GRANULES	CONFORMS
IDENTIFICATION A TO E	CONFORMS	CONFORMS
HYDROXYPROPOXYL CONTENT (wt%)	7.0-12.0	7.8
METHOXYL CONTENT (wt%)	28.0-30.0	28.7
APPARENT VISCOSITY (cp)	3.0-6.0	5.1
PH (25°C)	5.5-8.0	6.36
LOSS ON DRYING (wt%)	5.0max	3.0
RESIDUE ON IGNITION (wt%)	1.5max	0.96
HEAVY METALS (ppm)	10 max	Less than 10
ARSENIC (ppm)	2max	Less than 2
TOTAL BACTERIUM	1000/gram max	90
MOLD	100/gram max	30

Packing in 25KG net weight fiber drums

Storage & Handling: Store in a cool, dry, and well-ventilated place. Keep container tightly closed and protect from moisture. Avoid prolonged exposure to air and humidity.

Shelf life: 24 months under recommended storage conditions.



ORISON CHEMICALS LIMITED | Add: 905, Yihang Int'l Bldg 5, Binhai, Tianjin, China. 300462

Tel: +86 22 25600945 websites: www.orisonchem.com E-mail: info@orisonchem.com

Warranty: This specification herein is offered as a guide and is believed to be accurate as of the date of issue. The values given are not to be considered as a warranty and they are subject to change without prior notice. For final contract specification regarding our products, please re-confirm with Technical Team or given by our sales.